**Jacqueline Masloff, Ph.D.**

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**professional profile**

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* Accomplished career demonstrating consistent success as an educator at the secondary and higher education levels. Outstanding track record in assuring student success.
* Demonstrated accomplishments in teaching technology and computer science to students at a variety of levels, including high school, advanced placement, higher education, and inclusion classrooms, with compassion to enrich the learning experience and inspire motivation to succeed academically.
* Talent for coordinating with teachers, administrative and technology support to foster a highly productive and effective learning environment.
* Finely tuned interpersonal and communication skills coupled with excellent planning, organizational and analytical strengths as well as the ability to lead, reach consensus, establish goals, and attain results.
* Designed and implemented innovative programs, curricula, and coursework that fostered mastery of the material and met the needs of a diverse group.
* Competent manager in educational and corporate environments providing leadership, guidance, direction, and hands-on maintenance of technology systems to improve their use and implementation in the daily operations of these environments.

**education**

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* **Ph.D., Educational Studies**, Lesley University, Cambridge, MA, 2019

DISSERTATION: *An Examination of the Inherent Attributes, Characteristics and External Factors Contributing to the Academic Success of First-Generation College Students*

* **M.Ed., Curriculum and Instructional Technology,** Framingham State University, Framingham, MA, 2007
* **M.S., Computer Science,** Boston University, Boston, MA, 1981
* **B. Architecture,** Rensselaer Polytechnic Institute, Troy, NY, 1976
* **B.S., Building Science**, Rensselaer Polytechnic Institute, Troy, NY, 1975

**academic honors and awards**

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* Class Valedictorian, Benjamin Cardozo High School, New York City, 1971

**academic teaching/experience**

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**Lecturer,** Bentley University, Waltham, MA, July 2018 to present

* Teach the Python programming language as an introduction to programming, a junior-level database course on database design and the use of SQL, and web programming using HTML, CSS, and JavaScript. Develop curricula and assessments for courses to ensure curricula meet course objectives.

**Visiting Assistant Professor,** Newbury College, Brookline, MA, 2016 to May 2017

* Taught Operating Systems Theory, Spreadsheets and Databases, College Algebra, and Integrated Algebra to classes averaging 20 students. Advised students to improve academic success and plan future coursework. Develop curricula and assessments for courses to ensure curricula meet course objectives.

**Adjunct Professor,** Newbury College, Brookline, MA, 2012 to 2016, 2017-2018

* Taught Integrated Algebra using a mastery model and Applications and Presentations to classes averaging 20 students focusing on the application of the Microsoft office Suite in business situations and basic information technology concepts to enrich the learning experience and inspire motivation to succeed academically

**Adjunct Professor,** Wentworth Institute of Technology, Boston, MA, 2009 to 2010

* + Taught engineering students Visual Basic and C languages as introduction to programming and an introduction to technology course necessary to fulfill graduation requirements.

**Adjunct Professor,** Mass Bay Community College, Wellesley, MA, 2009 to 2010

* + Designed a set of teaching tools that met the needs of a college level programming course that facilitated learning and resulted in a high degree of student programming language fluency.
  + Developed Introduction to Computer courses with a series of hands-on projects using the Microsoft Office Suite as tools to create project-based learning resulting in both high attendance, strong student engagement and high computer literacy in software and information technology concepts.

**Adjunct Professor,** Boston University, Boston, MA, 1981 to 1996

* Taught course on Computers and Their Applications using the Microsoft Office Suite in classes averaging 20 students and course on Computer Technology for Technical Writers to class size of 6 students to prepare students for writing documentation on advanced technological concepts.

**courses taught**

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**Undergraduate**

* Database Management System
* Introduction to Programming with Python
* The World Wide Web
* Computer Science Capstone II
* Computer Systems Security
* Operating Systems Theory
* Problem Solving Using Computers
* Applications and Presentations
* Spreadsheets and Databases
* Integrated Algebra
* College Algebra
* Computer Science I with C
* Computer Programming with Visual Basic
* Computers and Technology
* Computers and Their Applications
* Computer Technology for Technical Writers

**highlights of professional experience**

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# Teacher, Fuel Education, Herndon, VA, 2013 to 2018

* Teach technology elective courses in an online environment to high school students to improve and advance their computer skills.
* Provide individual help to students, track and report their progress in their courses, and develop additional course materials as required.

# Teacher, Sylvan Learning Center, Braintree, MA, 2010 to 2011

* Taught and tutored students at elementary, middle school and high school levels to enhance mathematics and reading skills and improve confidence in learning.
* Provide individual help and training to multiple students simultaneously utilizing teaching methods tailored for each student.

**Computer Learning Center Instructor,** First Realty Management, Roslindale, MA 2010 to2011

* Responsible for assisting adults with computer issues, teaching computer classes to adults and children with the goal of improving computer literacy within the resident community.
* Designed projects for children to build computer skills and enhance the learning experience.
* Managed behavior and utilized approaches to instill respect for the facility and equipment.
* Assisted adults in developing proficiency with a wide range of computer challenges.

**Substitute Teacher,** School Districts, Canton, Walpole, Natick and Randolph, MA, 2007 to 2009

* Provided on-call classroom education to grades kindergarten through twelve in all subjects with emphasis on math.
* Collaborated closely with students and teachers to ensure substitute classes provided continuity with the assigned curriculum and the permanent teachers had accurate records to reflect substitute teacher activity.

**Computer Science Teacher,** Brookline High School,Brookline, MA, 2005 to 2007

* Taught programming languages (Visual Basic, Java, J#, C/C++, HTML), advanced placement computer science, web and graphic design, and general computer science concepts and principles to all grade levels.
* Utilized Microsoft Visual Studio as a learning platform that provided both an interesting and productive learning experience reflected in the high level of positive response and learning in these elective courses.

**Computer/Applied Technology Instructor**, Dedham Middle School,Dedham, MA, 2003 to 2005

* Taught sixth and seventh grade basic software, multi-media software, and Microsoft Office and Publisher.
* Led applied technology classes in a mechanical engineering course that related the concepts of simple machines and robotics to real world concepts of mathematics and science.
* Rewrote the curriculum to better emphasize applied technology that more effectively engaged students and met classroom objectives.

**Mathematics Teacher/Mathematics Teaching Internship**,Brockton/Burlington/Attleboro High Schools, Brockton/Burlington/Attleboro, MA, 2001 to 2003

* Instructed students in all levels of mathematics including beginning algebra and advanced geometry.
* Designed and delivered innovative methods to reach out to indifferent inner-city students with puzzles and games that required the use of mathematical concepts for the solution. The result was a highly engaged class actively participating and asking questions that reflected knowledge of the material.
* Developed, managed and supported the implementation of new technology into programs designed to help students retake the MCAS examination. Provided customized tutoring, assigned computer review concepts and practice exercises that facilitated the learning experience in preparation for the test.

**industry experience**

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**Information Systems Manager**, Toolmex Corporation Natick, MA, 2001

# Designed and implemented the use of technology for business by implementing a technology infrastructure and providing for future growth into enterprise distribution and customer relationship management software.

# Designed, planned and implemented a Windows 2000 Active Directory wide-area network running Microsoft Exchange 2000 using VPN (Cisco) technology to connect four remote offices to access central services at corporate headquarters. Upgraded and migrated desktops from Windows 9X to Windows 2000 Professional.

# Redesigned and implemented the new web sites for the main corporation and one major division using e-business technology (ASP, HTML) to improve marketing and sales initiatives.

# Manager of Information Technology, Feeley & Driscoll, P.C. Boston, MA, 2000 to 2001

* Managed the growth and support of all areas of the use of technology, including the Windows NT/Netware network. Evaluated the use of emerging technologies and provide strategic planning for the firm as well as the day-to-day hands-on leadership of the technical staff.

# Implemented best practices for the Windows NT network, including five NT servers, and developed a more stable Microsoft Exchange and Windows NT environment. Installed and implemented Outlook Web Access for 100 users to improve existing remote access (RAS) to electronic mail.

# Developed and maintained formal policies and procedures and network and server documentation, and formalized the computer inventory and software metering process.

**Director of Information Technology,** Mass College of Pharmacy and Health Sciences, Boston, MA, 1997 to 1999

# Designed, developed, planned and built the information technology infrastructure for the College. Directed a staff of four and managed support of all applications, systems software and procurement of hardware and software for 225 faculty and staff and 2,000 students. Developed standards for hardware, software, systems and technology policies and procedures.

# Implemented and managed a conversion of over 300 desktops from a 16-bit desktop environment running Netscape Mail Server to Windows 95, Windows NT and Microsoft Exchange with Office 97.

# Established distance learning videoconferencing between Boston and Springfield campuses for Non-Traditional PharmD. program to reduce travel expenses and improve relationships between campuses.

**Director of Information Systems,** Advanced Instruments, Norwood, MA 1995 to 1997

# Designed, developed, planned and built the information systems infrastructure for the company. Directed a staff of two and managed support of all applications, systems software and procurement of hardware and software. Streamlined operations by developing standards for hardware, software and systems and policies and procedures for end-users and Information Systems itself.

# Built and implemented 10BaseT Ethernet smart hub network for 75 users with Microsoft Windows NT Server and BackOffice and installed Windows 95 at the workstations. Improved communication throughout the company by installing Microsoft Exchange as part of the Early Adopter Program.

# Established connectivity to legacy UNIX system running financial and manufacturing software utilizing TCP/IP, eliminating dial-up telnet and leveraging network investment and implemented client/server sales and marketing application (Datacode) for the sales and marketing staff of 10 on Microsoft SQL Server, ported from UNIX.

**Information Systems Specialist,** Creative BioMolecules, Hopkinton MA 1993 to 1995

* Managed and maintained the support of the overall operations of information systems including system software, end-user applications and computer purchasing and standards.
* Updated hardware, software and network infrastructure and standardized existing Novell networks in Massachusetts and Lebanon, New Hampshire plants and designed, planned and supervised the establishment of a wide-area connection (T1) between the two plants.
* Supervised two Network Specialists who were responsible for the daily applications and network problems.

**presentations**

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* Masloff, Jacqueline (2020), “An Examination of the Inherent Attributes, Characteristics and External Factors Contributing to the Academic Success of First-Generation College Students.” To be presented at the NASPA National Conference, Austin, Texas.
* Masloff, Jacqueline (2019), “Attributes of Academically Successful First-Generation College Students: A Mixed Methods Study.” Presented at the Community of Scholars, Lesley University, Cambridge, MA.
* Masloff, Jacqueline (2019), “Attributes of Academically Successful First-Generation College Students: A Mixed Methods Study.” Presented at the New England Doctoral Students Conference, Rivier University, Nashua, NH.
* Masloff, Jacqueline (2018), “Mixed Methods Workshop.” Presented at the New England Doctoral Students Conference, Rivier University, Nashua, NH.
* Masloff, Jacqueline (2017), “Attributes of First-Generation College Students Contributing to their Completion of a Baccalaureate Degree.” Presented at the New England Doctoral Students Conference, Rivier University, Nashua, NH.
* Masloff, Jacqueline (2017), “Attributes of First-Generation College Students Contributing to their Completion of a Baccalaureate Degree.” Presented at the Community of Scholars, Lesley University, Cambridge, MA.
* Masloff, Jacqueline (2017), “Attributes of First-Generation College Students Contributing to their Completion of a Baccalaureate Degree.” Presented at Faculty Development Day, Newbury College, Brookline, MA.

**Publications**

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* Masloff, J. (2019). An Examination of the Inherent Attributes, Characteristics and External Factors Contributing to the Academic Success of First-Generation College Students. *Educational Studies Dissertations. DigitalCommons@Lesley.*
* Masloff, J. (2017) In Search of the Possible Dream: Attributes of First-Generation College Students Contributing to Their Completion of a Baccalaureate Degree. <https://www.academia.edu>.
* Lee, K., & Masloff, J. (1979). *Encyclopedia of Energy Topics.* (Vol. 1 and 2). Environmental Design & Research Center.
* Lee, K., & Masloff, J. (1979). *Energy-Oriented Computer Programs for the Design and Monitoring of Buildings.* (Vol. 1 and 2). Environmental Design & Research Center.

**professional service**

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* Research Coordinator, Technology Knowledge Community. (2020-present). NASPA Region I.
* Judge for Poster Presentations. (2019), NextGen Data Science Day, Bentley University, Waltham, Massachusetts.
* Member of Proposal Review Committee. (2019). NASPA National Conference. 2020, Austin, Texas.
* Member of Proposal Review Committee. (2019). CSTA Annual Conference 2020, Arlington, Virginia.
* Member of Proposal Review Committee. (2018), New England Doctoral Students Conference, Rivier University, Nashua, New Hampshire.

**professional affiliations**

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* Member, New England Statistical Society, 2019 to present
* Member, APA, 2019 to present
* Member, MassCue, 2010 to present
* Member, NASPA, 2018 to present
* Member, MMIRA. 2019 to present
* Member, Association for Computing Machinery, 1977 to 1985
* Member, Boston Computer Society, 1983 to 1987
* Member, International Society for Technology in Education, 2012 to present
* Member, Computer Science Teachers Association, 2010 to present

**professional development**

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**Certifications**

* Initial License, Mathematics, Massachusetts, Grades One through Twelve, 2003.
* Initial License, Instructional Technology, Massachusetts, All grades, 2003