Helen Anne Albanese

Permanent Address

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Professional Address

The College of St. Rose
School of Math and Science
Computer Science Dept
Albany, New York 12208

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Educational Background

M. S. Computer Science
Union College, Schenectady, New York (1985)

B. A. Mathematics
Secondary Education
University at Albany
Albany, New York   (1975)

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Employment History

Assistant Professor of Computer Science
The College of Saint Rose
432 Western Ave
Albany, New York 12203 (1982 - present)

Lecturer - Computer Science Department
Siena College
Loudonville, New York   (1981-1982)

Programmer Analyst
South Colonie School District - District Office
Loralee Drive
Colonie, New York

Designing School Administrative Software
(1978-1982)

Consultant (1982-1984) -Systems Analyst
South Colonie School District

Mathematics Teacher grades 5 - 8
St. Margaret Mary School
Western Ave
Albany, New York   (1975 -1978)

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Courses Developed and Delivered

Problem Solving In Java

Integrating Programming in the Classroom

Introduction to Computer Science (hybrid/online)

Software Engineering (undergraduate/graduate)

Programming in C++

Computer Graphics

Artificial Intelligence

Microcomputer Architecture and Programming

Systems Analysis and Design

Systems Design and Implementation

Data Structures

Undergraduate Internship

College Algebra

Statistics

Program Development

As a "Stem" initiative, I developed the concentration for Childhood/Special Education

"Computing and Logic"

Master's degree in Computer Information Systems

College of St Rose/HVCC Technology Program

Developed the Undergraduate Computer Information Systems Major

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Committee Memberships/Other

Undergraduate Internship Coordinator

Internship Advisory Board – Appointed

Mentored Students who presented a Poster in the Undergraduate Research Symposium at the College of St. Rose

Brandon Milonovich: Scratch: A 21st Century Learning Tool

Sarah Kahrs: Scratch:Progressive/Regressive /flat Taxation

Sabbatical – Designed and Implemented GIS system for Graduate Software Engineering class

(Pupil Transportation and Routing System)

Search Committees

Computer Science Department

Mathematics Department

Business Administration

Search Committee for Dean of Math and Sciences

Member of the EAP Advisory Board – Appointed - Experienced Adult Program

EAP Portfolio Reviewer for Computer Science Courses

Liberal Education Assessment Committee (Appointed)

UAC – Undergraduate Academic Committee

Strategic Planning and Priorities Committee

Long Range Planning Committee

Faculty Representative to the Board of Associates

Program Coordinator – Computer Information Systems Department

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Community Work

Giving Tree – St. Vincent DePaul Parish, Albany, New York

I annually sponsor 8 Albany School District economically disadvantaged students for our Summer Academy Classes

Organized a Team of 4 students to present programming concepts to Toast students- (Thomas Obrien Academy of Science and Technology) on "Scratch Day" (MIT sponsored events)

Presented an in-house "Scratch" workshop to Barbara Baxter (Computer Lab Coordinator of Albany School of Humanities, an Albany magnet Elementary School)

Presented an in-house "Scratch" workshop to Loretta Fantroy (Mathematics Coordinator of four Albany Elementary schools including Arbor Hill)

Contributed to the College's Climate Action Plan/Sustainability

CSC111 Student Environment Projects: Students designed a web-based research project of awareness of the environment (solar energy, recycling, nuclear energy, carbon footprint, global warming etc.)

 Volunteered as Hostess for the Annual Vanguard Designer Showhouse Event- benefiting the "Albany Symphony Orchestra"

Organized a Saturday Computer Awareness Day (12 seminars) - College of St Rose – Participants included school administrators, faculty and students.

Presented Computer Literacy Workshops to College of St. Rose Alumni during June Alumni Weekends

Presented Computer Literacy Workshops to in-house contract courses. (US Navy)

Present Computer Literacy Workshop to classes in the English Department, College of St. Rose

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Conferences and Workshops

Attended "Women in Computing Conference": Strategic Planning for Recruiting Women into Undergraduate Computing . Albany , NY

Funded by the Time Warner Grant - I presented 2 Saturday workshops in Scratch Programming to teachers and administrators from area school districts and St. John's in Schenectady, N.Y.

Part I Introduction to Scratch Programming

Part II Advanced Scratch Programming – Probability and Game Design, College of St. Rose, Albany, N.Y.

Webinars

Blackboard - "Take the Distance out of "Distance Learning"

ACM – "Changing Nature of Invention in Computer Science"

Reviewed book proposal "Introduction to Computing and Computation". Publisher: Jones and Bartlett Learning.

Attended International Conference on Software Maintenance and Evolution, Montreal Canada Sponsored by IEEE Society

Attended International Conference on Software Engineering Toronto, Canada

Attended AACE conference "Association for the Advancement of Computing" …. Montreal, Canada

Received The Alumni President Manion's "Distinguished Teacher of the Year Award".

Attended Annual Government Technology Conferences (NYS) Empire State Plaza, Albany, N.Y.

Presented the Pupil Transportation System I developed for South Colonie School District at Cortland State University

Professional Organizations

Membership ACM – Association of Computing Machinery

Membership AACE – Association of Advancement of Computing in Education

Membership CCSC – Consortium for Computing Sciences in Colleges