

Ryan Zurrin

Boston, MA | ryan.zurrin001@umb.edu | 413-841-9539 | [Webpage](#) | [LinkedIn](#) | [GitHub](#)

Education

University of Massachusetts Boston, Boston, MA May 2023
Bachelor of Science: Computer Science, GPA: 3.3
Berkshire Community College, Pittsfield, MA Aug 2020
Associates of Science: Computer Information Systems / Computer Science GPA: 3.7

- *Certificate in Computer Programming – Technical* May 2020

Relevant Coursework

- Programming in Java I & II
- Programming in C
- Programming in C++ I @ II
- Introduction to Algorithms
- Intermediate Computing with Algorithms
- Digital Circuits
- Data Structures
- Calculus, Discrete Math, Linear Algebra
- Web Design
- IT Essentials

Technical Skills

- **Platforms:** Windows, Linux, UNIX, Raspberry Pi, Arduino
- **Languages:** Java, C, C++, Python, HTML5, CSS3, MATLAB
- **Skills:** Object-Oriented Programming, Algorithm Analysis, Web Design, WordPress
- **Development Tools:** Visual Studio/Code, PyCharm, Sublime Text, IntelliJ, Terminal, Vim, MultiSIM, NetBeans, Eclipse, Git
- **Software:** Microsoft Office360, Google (Steets, Slides, Docs, Drive), Autodesk Fusion360, GIMP

Project Experience

Berkshire Community College, Pittsfield MA

Design and build a website

Sep. 2018 -2021

- Created GitHub website for coding projects.
- Integrated a third-party application for managing comments.

Group Project to design different card games

Apr. 2021

- Developed a playable card game program using C++, Abstract Data Type's, and Data Structure's.
- Coordinated all games into one menu styled game, allowing the user to select the game they wanted to play.
- Worked together using a GitHub repository and maintained close communication with team throughout the project.

Command line vector and triangle calculator

Mar. 2020

- Devised 2D, 3D vectors, and triangle classes to allow for vector operations as well as the ability to solve triangles.
- Implemented a client program that allowed users to work with vectors and generate triangle data.

Work Experience

Freelance Web Design

Jan. 2020 – Present

Website Administrator

- Designed, built, and maintain a website for local business [Berkshire Builders 623](#).
- Produced website to allow group members to register and purchase tickets for events and concerts. Integrated Eventbrite into site for ticket management and used WordPress as the CMS.
- Constructed tracking and scoring system used in the first annual Great Berkshire Scavenger Hunt.

Norman Rockwell Museum, Stockbridge, MA

Jun. 2021 – Aug. 2021

Technology Intern

- Coordinated over 40 computers and mobile devices for digital experiences, including inventory and repairs.
- Wired the museum, beta-testing virtual exhibitions and setting up bug tracking software.
- Set-up and break-down A/V, 6 laptops, wireless microphones, and lightening equipment used for hybrid public/online programs each week.

Berkshire Community College, Pittsfield, MA

Jan. 2018 – Apr. 2020

IT Assistant | Computer Lab Assistant | STEM mentor | Tutor

- Set-up campus computers for over 1000 staff and students, kept systems updated, and safe.
- Helped students navigate the school's technology and offered advice and tips.
- Mentored new STEM students and tutored for Digital Circuits and IT Essentials class.

Awards and Memberships

- Dean's List – High Honors Awards Spring 2019, Fall 2019, Spring 2021
- CIS Program Award Spring 2021
- Joseph H. Smith Jr. '45 Award Spring 2021
- Robotics Club Sep. 2018 – Apr. 2020
- Phi Theta Kappa, Communications Officer Spring and Fall, 2019