

Ryan Barry

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EDUCATION

Stonehill College | Easton, MA

Anticipated Graduation: May 2024

Candidate for Bachelor of Science Degree

Major: Computer Science | **Minor:** Data Analytics | GPA: 3.40

SKILLS

Programming Languages: Java, C++, C, Python, JavaScript, HTML, CSS, SQL, R

Software: Linux/Shell, Windows, MacOS, GitHub, Visual Studio Code, Command Prompt, PowerShell Scripting, Power BI, Tableau, SAS Enterprise, SAS Miner, Excel, Word, After Effects, Photoshop

- Extensive experience building computers
- Arduino projects with breadboards and circuits

RELEVANT COURSEWORK

Data Structures, Operating Systems, Algorithms & Complexity, Artificial Intelligence, Database Management, Web Programming, Intro to Engineering, Theory of Computation, Discrete Mathematics II, Computer Science II, Calculus II, Collaborative Programming, Cybersecurity, Data Modeling and Visualization, Data Analytics, Statistics in R

WORK EXPERIENCE

Stonehill Intro to Engineering Teacher Assistant

January 2022 - Present

- Designing and building assignments that further students' understanding of engineering concepts and develop critical thinking
- Guiding thought provoking conversations with students to assist in writing code and wiring hardware
- Helping students learn 3D modeling in blender and safely using 3D printers

Stonehill IT Computer Technician

February 2022 - Present

- Servicing 300+ staff and faculty computers with issues such as battery replacement, hard drive failure, and stop errors
- Imaging computers and implementing work policies
- Finding and creating long lasting solutions to technical problems
- Responding to tickets via email, phone, or in-person with concise solutions
- Working collaboratively and communicating with customers and coworkers to resolve technological issues

Harbor Media Content Editor

August 2019 - August 2020

- Editing and managing footage for 20+ local events (town meetings, parades, and show series)
- Capturing on site footage with professional-grade camera equipment (Sony PXW)
- Collaborating with clients to create marketable visuals for advertisements which align with company values and aesthetic precedents

EXTRACURRICULAR ACTIVITIES

ACM(Association of Computing Machines)

08/21 - Present

Math Club

08/22 - Present

Pan-Asian Alliance Club

08/22 - Present

Anchors Leadership Society

09/22 - Present

Student Alumni Association

03/22 - Present

Gaming Club

08/20 - Present

AquaScaping

06/20 - Present

Robotics, Math Team, Johns Hopkins, MD programming course, Russian School of Mathematics

08/13 - 05/20