

Brock Fenbert

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EDUCATION

Northeastern University, Boston, MA May 2022
Candidate for Bachelor of Science in Computer Engineering and Computer Science GPA: 4.0
Courses: Digital Design, Logic and Computation, Object Oriented Design, Embedded Design:
Enabling Robotics, Circuits and Signals, Fundamentals of Networks, Physics 2, Calculus 3
Awards: Honors, Dean's Scholarship, Dean's List
Garfield High School, Seattle, WA June 2017
Awards: Valedictorian, Elks Scholarship GPA (unweighted): 4.0

SKILLS

Software: Apache Solr, Wicket, MySQL, OpenSSL, SolidWorks, Simulink, MATLAB, Unity (basic)
Programming: Java, Puppet, Python, C++ (intermediate), Jenkins (basic), C# (basic)

PROJECTS

Planet Polluter (NASA SpaceApps Hackathon Boston) Fall 2018

- Learned C# and Unity to create a clone of Plague Inc. embedded with NASA data
- Placed first in the Boston competition with a team of five

Piezoelectric Keyboard (Cornerstone of Engineering) Fall 2017

- Built diode rectifier and coded an Arduino Redboard to measure voltage
- Presented at the ASEE-NE 2018 conference and published in the proceedings

WORK EXPERIENCE

Wayfair, Boston, MA January 2019 – June 2019
Site Reliability Engineer

- Developed a Java-based web app for maintaining and expanding Solr clusters
- Automated DNS entries and creation of shared IP addresses
- Trained new team members in the development process for continued improvements

Northeastern University, Boston, MA Fall 2018, Fall 2019
Fundamentals of Computer Science Tutor

- Hold weekly office hours and advise students during lab sessions
- Grade homework assignments and tests

VOLUNTEER EXPERIENCE

WWOOF Italia, Italy May 2018 – June 2018
Volunteer Farmer

- Planted and harvested crops; collaborated with other workers who only spoke Italian

Seattle Aquarium, Seattle, WA September 2014 – June 2017
Youth Ocean Advocate

- Educated visitors on marine wildlife and conservation during over 450 hours of volunteering
- Participated in interviews for new volunteer candidates

Post 84, Seattle, WA November 2014 – June 2017
President, Treasurer, Staff Member

- Managed an annual \$100,000 budget and conducted monthly board meetings for a non-profit student run outdoor education organization