Elizabeth Slade

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EDUCATION

Boston University, Boston, MA GPA: 3.81 **May 2020**

B.S in Computer Engineering

Honors: Dean's List (4)

Selected Coursework: Differential Equations, Probabilty and Statistics, Software Engineering, Applied Algorithms, Computer Networking, Statistical Probability, Electricity and Magnetism

Udemy Certificates of Completion: Web Development Bootcamp (40+ hours), Python Bootcamp (40+ hours)

SKILLS

Experienced: C++ | git | bash | HTML | CSS | SQL

Intermediate: Python | JavaScript | MongoDB | Express | Node.js | MATLAB | Splunk Searches | C | AMP Stack

TECHNICAL AND LEADERSHIP EXPERIENCE

Accenture, *Summer Security Analyst,* Boston, MA **June 2018 – August 2018**
- Developed cloud-based vulnerability management Splunk correlation searches for the Accenture Cybersecurity Engine
- Assisted project manager in documenting useful assets to ACE and meeting with potential partners of ACE
- Attended conference in Chicago to improve leadership abilities and communication skills

Hack4Impact Boston University Chapter, *Chapter Co-Director and Co-Founder* **January 2018 – Present**
- Establish programming team of 25 students dedicated to promoting social good through web development technology

Life of Freedom Center Data Visuals, *Project Manager and Tech* Lead **September 2018 – December 2018**
- Led team of programmers to develop data visualizations for nonprofit that helps victims of human trafficking
- Used dc and d3 JavaScript libraries, and SQL Queries to develop the visuals on their CiviCRM-Drupal platform

Growing Real Opportunities in the Workforce (GROW) Education Platform, *Developer* *March 2018 – June 2018*
- Worked with team to develop website for nonprofit's career development curriculum for underprivileged students
- Helped to implement website using Mongoose, MongoDB, JavaScript, Passport, Express, HTML, and CSS

BURPG High Powered Rocket Competition, *Team ECE Lead,* Boston, MA **September 2017 – June 2018**
- Assemble altimeter and design circuitry to detect height reached by rocket and release parachute at optimal time
- Program Arduino to collect, store and interpret accelerometer data for payload mission

Boston University Dunlop Lab, *Research Assistant* **May 2017 – August 2017**
- Conducted research to better understand relationship between OmpF porin expression and β-lactam antibiotics
- Applied MATLAB programming knowledge to synthesize data and analyze experimental results
- Acquired skills in stochastic and deterministic modeling of chemical systems

PAST EMPLOYMENT EXPERIENCE

IKEA, *Living Room Sales Coworker* **July 2016 – August 2016**
- Ensured customer satisfaction through strong communication, interpersonal skills, and advising them on merchandise

The Bridge Center, *Camp Counselor* **June 2015 – August 2015**
- Encouraged campers with disabilities to overcome challenges and promoted independence

ADDITIONAL STEM PROJECTS

AlphaBetter, *Language Learning Android Application* **November 2017 – December 2017**
- Teaches the user Russian and Greek alphabet through interactive quizzes, audio, and a tracing feature

Lamp Post Flood Detector, *Device to Ensure Safety during Natural Disaster* **September 2017 – December 2017**
- Detects rising water levels and sends a wireless signal to a remote monitor station in the event of a flood

Wollman and Slade*, MATLAB Application to Optimize Travel in Greater Boston Area* **April 2016 – May 2016**
- Collects user's current location and destination to display best transportation costs, travel time, and a map with routes