Mahima Devanahalli

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EDUCATION

Brandeis University, Senior, 3.48 GPA   **Boston MA, Expected Class of 2021**
Expected Major: **Computer Science** Expected Minor: **Economics**
Honors: Dean's List (Fall 2019)
Relevant Coursework:
Introduction to Java, Introduction to Data Structure and Algorithms, Advanced Programming Techniques, 3D Animation, Database Management Systems, Operating Systems, Discrete Math, Software Entrepreneurship, Theory of Computation, Autonomous Robotics (ongoing)

WORK AND WORK-RELATED EXPERIENCES

Preveil, Boston, MA   06/2020 – 08/2020
Software Engineer Intern
- Implemented features on the web platform to improve file management and provide more upload options. Utilized basic cryptographic primitives that are used in security software.
- Implemented bug fixes for refresh, redirect and file download issues.
- Used Agile practices, had weekly scrum meetings, addressed feedback on pull requests and put code through the release process.
- Worked with git, Jira, typescript, angular and react.

Supervisor: Ian Ynda-Hummel, Lead Software Developer – ian@preveil.com

Blueport Commerce, Boston, MA   06/2019 – 08/2019
QA Test Automation Engineer Intern
- Implemented and fixed automated tests for the main product using C#, Selenium and SQL. Added around 50 new tests.
- Created tools to keep track of failed tests using PowerShell for easy bug tracking.
- Repaired defects and made enhancements to an internal MVC web application using C#.

Supervisor: Brian Moffat, Sr. Director Product Reliability – bmoffat@blueport.com

Girls Who Code, Waltham, MA   09/2019 – Present
Teacher/Coordinator
- Teach High Schoolers the concepts and skills developed in beginning CS courses in a supportive environment using Java.
- Coordinate events like Code-athons, trips to software companies, guest speakers, and more.

Other Work Experience: Student Library Assistant, Social Media Chair for Brandeis Chak De (Bollywood Fusion Dance Team)

PERSONAL PROJECTS

Jtrack (Brandeis Hackathon Project): *Mentored a group of girls from Waltham High school at a Brandeis Hackathon where we won "Best Highschool Hack". This was my first-time using Hardware and I used tools such as an Arduino and a neo light pixel to create a light to put on a juul to help users quit.*
Project Roots (Brandeis Hackathon Project): *Won Second Place by designing a website for the nonprofit, Land's Sake to help them reach a wider audience and sell more of their produce online rather than in person. Designed and 3D printed a pin to give to customers to spread awareness of the farm.*
Twitter Word Cloud: *Made a word cloud of tweets about Donald Trump using a Twitter API, JSON parsing and java.*
PongOut Game: *Developed a version of the classic Pong game using a java-based package called 'Processing'.*

TECHNICAL SKILLS

- **Languages:** Java, SQL, C#, HTML, PowerShell, JavaScript, CSS, Python, Typescript, Angular
- **Frameworks and Tools:** Jira, Bitbucket, Git, Bootstrap, Selenium