Harrison Wong

US Citizen
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EDUCATION

Northeastern University, Boston, MA   May 2021 (expected)
Bachelor of Science · Computer Engineering and Computer Science
GPA: 3.93 / 4.00
Coursework: Object-Oriented Design, Algorithms and Data, Database Design, Capstone Design
Honors: Dean's List, all semesters

EXPERIENCE

Cisco, Cambridge, MA   May – Dec 2020 (expected)
Software Engineer Co-op
- Work on a full stack SaaS network device management web application using **Angular** and **Java Spring**
- Create a back end feature in **Java Spring** to import and export device configurations as JSON, greatly reducing the need to use physical devices for testing
- Build new front end features in **Angular** to improve error messaging and add new user actions, resolving customer complaints and finishing new marketable features
- Push code to production weekly and help maintain a comprehensive suite of unit and end-to-end tests
- Collaborate within a **Scrum** team with weekly sprints, regularly performing **code reviews** for teammates
- Demo work to management, sales, and other engineers to demonstrate business value and use cases

PowerAdvocate, Boston, MA   Jul – Dec 2019
Software Developer Co-op
- Worked on a full stack SaaS business management web application with **React**, **Node.js**, and **Java Spring**
- Modernized a high-traffic webpage in a primary company product with a new front end in **React** to enhance usability, remove pain points, and significantly improve customer experience
- Created an **AWS**-hosted Node.js microservice to funnel data from many application instances into a single database; parse and validate data transferred through an S3 bucket and record results
- Practiced agile principles using **Kanban** and worked collaboratively using **pair programming**
- Demoed work to company leadership and worked with product management to define stories

Northeastern University, Boston, MA   Jan 2019 – Apr 2020
Teaching Assistant
- Work with students in Fundamentals of Computer Science to teach **Java** concepts and answer questions
- Hold office hours and run labs to help students with coding assignments
- Grade coding assignments and exams in a timely manner

PROJECTS

Personal Website
- Create a personal portfolio website using JavaScript and React, hosted on GitHub Pages
- Use ReactRouter to handle multiple pages and MaterialUI for design elements

Animator
- Created an interactive MVC application in Java to make and play shape animations
- Designed a flexible data model and built views to edit and play the animation using Java Swing

SKILLS

Languages	Java, JavaScript / TypeScript, HTML / CSS, SQL, Swift, C / C++, Python
Frameworks	Java Spring, React, Angular, AngularJS, Node.js
Testing	JUnit, TestNG, Selenium, Mockito, Jest, Karma, Jenkins
Miscellaneous	Git, Subversion, npm, Postman, MySQL, MongoDB, REST APIs