

# Harrison Wong

US Citizen

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## EDUCATION

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**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

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**Cisco**, Cambridge, MA – **Software Engineer Co-op**

May – Dec 2020 (expected)

- 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 front end features in Angular to resolve customer complaints and release new marketable features, including improvements to error messaging and new user actions
- Give and receive feedback to/from team members through code reviews
- Demo work to management, sales, and other engineers to demonstrate business value and use cases
- Push code to production weekly and help maintain a comprehensive suite of unit and end-to-end tests
- Collaborate within a small Scrum team with weekly sprints and regular agile meetings

**PowerAdvocate** (acquired by Verisk), Boston, MA – **Software Developer Co-op**

Jul – Dec 2019

- 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 microservice to funnel data from many application instances into a single database; parse and validate data transferred through an S3 bucket and record results
- Demoed and explained new features to company leadership to show business value
- Worked with product owners to negotiate criteria for features to provide maximum value for time spent
- Created and maintained unit tests (Jest and TestNG) and end-to-end tests (Selenium)
- Practiced agile principles using Kanban and worked collaboratively using pair programming

**Northeastern University**, Boston, MA – **Teaching Assistant**

Jan 2019 – Apr 2020

- Work with students in Fundamentals of Computer Science to teach 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

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### 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

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