

# Harrison Wong

US Citizen · New York, NY

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## EXPERIENCE

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### Bloomberg

Software Engineer

New York, NY

Aug 2022 – present

*Tech Stack: Python, Java, Postgres, plus company-specific technologies*

- Implement features in Python backend systems to process company financial data, leading to improved workflow for data analysts
- Lead effort to migrate data storage solution from single file to Postgres database
- Refine stories, perform code reviews, and release code to production regularly

### Capital One

Software Engineer

Remote

Aug 2021 – Jul 2022

*Tech Stack: Vue, Java Spring, Node, Postgres, Splunk, AWS*

- Build front end features in Vue.js for Capital One's call center application to confirm a customer's identity with their ID
- Work with state machine service using Xstate to orchestrate between back end and front end
- Create dashboards to monitor data in production using Postgres queries and Grafana
- Perform 10+ code reviews per week, groom stories, and coordinate production releases for my team
- Teach middle school students about web development through Capital One's Coders Program

### Cisco

Software Engineer Intern

Remote

May 2020 – Dec 2020

*Tech Stack: Angular, Java Spring, Node, Mongo, AWS*

- Built a customer requested, full-stack feature in Java Spring and Angular to download/upload config files
- Created components in Angular to filter and modify tables; used Redux to connect components to back end
- Improved and fixed unreliable automated tests to increase team's ability to deliver work
- With my Scrum team, performed code reviews and helped define stories for future work

### Verisk

Software Engineer Intern

Boston, MA

Jul 2019 – Dec 2019

*Tech Stack: React, Java Spring, Node, OracleDB, AWS*

- Modernized a high-traffic webpage with Java Spring and a new React front end to enhance usability
- Created a Node.js microservice to funnel requests from multiple instances into a synchronous queue
- Collaborated with engineers using pair programming and worked with product management to refine stories

## EDUCATION

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### Northeastern University

Bachelor of Science in Computer Engineering and Computer Science

Boston, MA

Sep 2017 – May 2021

- **GPA:** 3.94 / 4.00
- **Coursework:** Software Development, Web Development, Database Design, Capstone Design
- **Activities:** Teaching Assistant for Fundamentals of Computer Science 2
- **Honors:** Dean's List, all semesters; graduated Summa Cum Laude

## SKILLS

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### Certifications

AWS Certified Solutions Architect - Associate - Dec 2021

### Languages

Python, JavaScript, TypeScript, Java, HTML, CSS, SQL, C++

### Frameworks

Vue.js, Java Spring, React, Angular, Redux, Nest.js, TypeORM, Xstate

### Testing

Pytest, Jest, Cucumber, JUnit, TestNG, Selenium, Mockito, Karma, Jenkins

### Miscellaneous

Git, GitHub, npm, Postman, PostgreSQL, MySQL, MongoDB