

## Employment

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**Software Development Eng. II,** **Audible, Inc.** **April 2023 – Present**  
**Credit Systems**

- Lead API migration from shared service to team owned service
- Facilitated end to end testing, deployments, and architecture reviews
- Certified one of the team's primary software packages to internal security standards

**Software Development Engineer,** **Audible, Inc.** **March 2021 – March 2023**  
**Android**

- Lead two large features bringing 'Series' to Android
- Coordinate new app version releases, created automatic publishing of our builds to Google Play
- Rewrote app library section to make use of Kotlin Coroutines

**Web Experience Engineer,** **Akamai Technologies** **May 2019 – March 2021**  
**Identity Cloud**

- Wielded Javascript & Ruby tools to help debug highly customized implementations.
- Utilized APIs & AWS to help provide consistent, working solutions.

**Web Experience Engineer,** **Akamai Technologies** **January 2018 – December 2018**  
**Co-Op**

- Two separate co-ops focused on developing depth on Internet structure and the role of a CDN.
- Developed a python script to help track delivery of content on Akamai enabled sites.

## Education

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**Cambridge, MA** **Harvard University** **June 2019 – Present**

- A.L.M in Extension Studies, Software Engineering. GPA: 3.7
- Coursework: Data Structures & Algorithm, Systems Programming & Machine Org.; Theoretical Comp. Sci.; Discrete Math; Web Apps w/ Python & JS; Cloud Computing; Deep Learning for NLP; Bayesian Inference

**Boston, MA** **Wentworth Institute of Technology** **September 2015 – April 2019**

- B.S. in Computer Science. GPA: 3.5
- Coursework: Operating Systems; Databases; Data Structures; Algorithms; Programming Languages; Parallel Computing; Data Science; Software Engineering; Linear Algebra & Matrix Theory

## Technical Experience

### Projects

- **eBay Price Predictor:** Website built with Django backend and eBay's API, utilizes parallel requests to speed up delivery of historical price data & was deployed on AWS. Python; HTML; CSS.
- **Shell:** Developed a command line shell with support for variable substitution, piping, redirects, conditionals, and background commands. C++.
- **WeensyOS:** Implemented process memory isolation, virtual memory, and system calls into a basic operating system. C++.
- **Conference Coordinator:** Worked in a team of 13 to put together a web-app based on monitoring attendance & engagement at a coding conference. Go; HTML; Typescript; Docker.

### Languages and Technologies

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- Java; Kotlin; Python; C++; Golang; C
  - AWS; Git; Android Studio