

# Codepath Student Name

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## EDUCATION

### UNIVERSITY OF MASSACHUSETTS BOSTON

Bachelor of Science in Computer Science

May 2026

Boston, MA

- **Relevant Coursework:** Object-Oriented Programming, Data Structures and Algorithms, Databases

## TECHNICAL SKILLS

**Languages:** Go, Python, JavaScript, TypeScript, Java, C, SQL, HTML, CSS

**Frameworks:** Node.js, Django, Flask, React.js, Vue.js, TensorFlow, MySQL, PostgreSQL, SASS, Bootstrap, Tailwind CSS

**Technologies:** Git, GitHub, Docker, Kubernetes, AWS, Jira, Postman, Cloud Forge, Lucidchart, Figma, SonarQube

## WORK EXPERIENCE

### LinkedIn

Incoming Software Engineer Intern (Backend Infrastructure)

Summer 2025

Sunnyvale, CA

### Datadog

Software Engineer Intern (Mosaic Blocks - Backend)

Jan 2025 - Apr 2025

New York, NY

- Reduced infrastructure deployment overhead by **30%** across **3 services** by building a **centralized config system** in **Go (gRPC, Protobufs, PostgreSQL, and Docker)**, enabling **reusable** and overridable **configs** in Datadog's Proposals Platform.
- Built a **versioning system** for **Graph Gateway** using **Node.js, TypeScript, and GraphQL Mesh**, enabling safer **API upgrades** and reducing **breaking changes** across **10+ services**.
- Delivered **2** backend projects to **production** in **14.5 weeks** and authored **5+ design** and **debugging docs** that improved onboarding and supported adoption across **2+ engineering teams**.
- Led **2 projects** through **weekly syncs, demos** and **technical deep dives**, driving alignment and adoption across **two engineering teams**.

### LinkedIn

Software Engineer Intern (Ad-formats - Full-Stack Team)

May 2024 - Aug 2024

Sunnyvale, CA

- Developed a **Live Preview** for **advertisers** during **ad creation** with **Mobile** and **Desktop support**, reducing loading time by **90%** (from **5 seconds** to **0.5 seconds**) and improving user experience and efficiency.
- Leveraged **Java** for **backend** development that implemented **business logic** and efficiently managed **client data**, and utilized **Ember.js** for the **frontend** to enable **real-time live-preview updates**.
- Designed and implemented **data models** using the **Rest.li framework** and **GraphQL**, ensuring seamless and efficient interaction with **RESTful services**.
- Collaborated with **PMs, designers, and engineers** to deliver the **feature** in **10 weeks**, enabling use by **2M+ advertisers**.

### University of Massachusetts Boston

University Research Assistant (Software Verification Lab)

Sep 2023 - Feb 2024

Boston, MA

- Built a **full-stack algorithms visualization** app that **converts algorithmic code** into **visual graphs** using **React.js, CodeMirror, and Graphviz** to support **data Structures and algorithms** learning.
- Implemented **CUDA C files** for **GPU-based parallel programming** and leveraged **Faial-drf** for **CUDA kernel** debugging, reducing **testing time** by **15%** and increasing **output speed** by **20%**.

### Liberty Mutual Insurance

Software Engineer Intern (Full-Stack Team)

Jun 2023 - Aug 2023

Portsmouth, NH

- Implemented **Vue.js components** and **mockups** using **Lucidchart** to improve **user experience** and **UI** intuitiveness.
- Built **backend features** in **Node.js** and integrated **AWS S3** to improve client **data access** efficiency by **10%**.
- Deployed **12 production tickets** via **Bamboo** and increased **test coverage** from **35.7%** to **100%** with **Python unit tests**.

## PROJECTS

**Traffic Sign Recognition System:** Built **CNN** in **Python TensorFlow** (**96%** accuracy) to classify **42** road sign types.

**Networking Platform:** Created **Twitter-like platform** (**Django, JS**) with **post, follow, and comment** features.

**Mail Service Platform:** Developed **Gmail-style email client** (**Django, JS**) with **send, receive, and reply** functionality.

**Online Auction Platform:** Built **eBay-style site** (**Django, SQL**) for **creating listings, bidding, and purchases**.