

Charlie Miller

Boston, MA | onecharliemiller@gmail.com | (626) 840-3041

onecharliemiller.com | [linkedin/onecharliemiller](https://linkedin.com/in/onecharliemiller) | [github/millercharlie](https://github.com/millercharlie) | [behance/onecharliemiller](https://behance.com/onecharliemiller)

Availability: January 2025 – June 2025

Education

Northeastern University - Boston, Massachusetts

September 2022 - Present

Khoury College of Computer Sciences

Expected Graduation May 2026

Candidate for a Bachelor of Science in Computer Science and Design

GPA: 3.85/4.00

Honors: Dean's List Fall 2022/Spring 2023

Coursework: Object-Oriented Design, Algorithms and Data, Typography 1, Human-Computer Interaction,

Experience and Interaction, Foundations of Cybersecurity, Discrete Structures, Fundamentals of Computer Science

Technical Knowledge

Languages: Java | JavaScript/JavaScriptXML | HTML | CSS | Python | JSON/YAML | Markdown | Kotlin | Racket

Software: React | IntelliJ IDEA | JetBrains WebStorm | Git Version Control | Jira | GitHub/GitLab | Figma | VSCode | Eclipse | Docker |

CI/CD | Adobe Illustrator | Adobe InDesign | Google Suite | Microsoft Teams | Node.js

Operating Systems: macOS | Ubuntu Linux (Familiar)

Work Experience

MORSE Corp - Cambridge, Massachusetts

1/2024 - 6/2024

Human-Computer Interaction Engineer

- Designed and developed a web-application for the US Department of Defense using HTML/CSS/JS with React
- Gained experience in web-application software such as Docker, Git, and Vite with Agile workflows
- Granted interim Top Secret security clearance from the United States Government for classified work

theCoderSchool - Pasadena, California

5/2023 - 8/2023

Code Coach

- Taught personalized Python and Scratch courses to younger students
- Created original lessons, practice, and projects for students to engage them with programming
- Reinforced Python knowledge to gain a solid understanding of how the language operates

Personal Projects

United States Congress Website Redesign

5/2023 - 7/2023

- Redesigned the UI of the Congress.gov website home page to modernize the interface
- Created the components and modules of the home page in Figma
- Reinforced knowledge of clean and modern design

Personal Website

7/2023 - Present

- Created a personal website using HTML/CSS/JavaScript with React to display a professional portfolio
- Designed the UI and components such as the logo and layout in Figma
- Gained experience in deploying websites with backend and DNS services

Markdown Interpreter

6/2024 - Present

- Designed and developing a Markdown-powered notes application for personal use
- Writing logic for Markdown to visual translation in JavaScript with Electron
- Designed the interface in Figma

Interests

Astronomy | Urban Design | Vexillology | History | Geography | Photography | Technology | Hiking | Music Composition