

TJ Mazeika

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Education

Northeastern University

Khoury College of Computer Sciences

Candidate for a Bachelor of Science
in Computer Science

Class of 2022
3.8/4.0 GPA

Coursework

Algorithms & Data
Artificial Intelligence
Computer Systems
Database Design
Networks & Distributed Systems
Object-Oriented Design
Software Development

CS Knowledge

Languages

Java	Go	C/C++
C#	Python	PHP
JavaScript	HTML	CSS

Software & Services

Unix	PostgreSQL	Node.js
Docker	MongoDB	Next.js
AWS	REST	React

Projects

GigBook

May 2021 – Present

- An invoice generator using Next.js and Prisma for PostgreSQL CRUD operations
- Interactive and reactive interface with Bootstrap 5
- Implements a custom data validation library in TypeScript

SuiteServe

March 2020 – May 2021

- A test reporting system and real-time UI written in Go
- Exposes a REST API over HTTP/2 to query and upsert to MongoDB
- Uses Vue.js with Vuex and WebSockets to receive data updates

emulifx, ledlifx, implifx, clifx

August – September 2016

- Enables the emulation, testing, and control of LIFX smart light bulbs
- Interfaces include an OpenGL app, a CLI, and the Raspberry Pi
- Written in Go to connect to bulbs via UDP broadcasting and TCP

Experience

FoldLeft

November 2020 – Present

Founder & Software Engineer – Boston, MA

- Founded an LLC to offer web development services
- Gained three major clients, building and maintaining both public and internal Next.js, Vue.js, and jQuery web applications
- Refined end-to-end Cypress tests
- Improved the performance and maintainability of a highly interactive React application with Zustand

AIR Worldwide

January – June 2021

Software Engineer Co-op – Boston, MA

- Enhanced the performance of an internal .NET and React app by 90%
- Boosted product owner productivity by aggregating metrics from Azure DevOps REST and OData endpoints
- Performed and submitted code reviews to promote code quality and readability

Digitas

January – July 2020

DevOps Engineer Co-op – Boston, MA

- Streamlined front-end QA automation processes with Selenium Java
- Automated Jenkins-Confluence synchronization to improve information accessibility
- Employed AWS services for audio transcription and video text recognition