Dillon Hammer

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EDUCATION

Northeastern University, Boston, MA   Aug 2018 - May 2021
Bachelor of Science in Computer Science, GPA: 3.96/4.0
Activities: Symphonic Orchestra, NU Stage, Sandbox (student-led software consultancy)

SKILLS

Programming Languages: JavaScript/TypeScript, Java, SQL, NoSQL, HTML, CSS
Technologies/Software: React, Git, AWS (EC2, S3, Lambda, Elasticsearch, Redshift), Docker, MongoDB, Linux
Spoken Languages: English (native), Spanish (proficient)

WORK EXPERIENCE

Software Engineer, **Microsoft,** Redmond, WA   May 2022 — Present
- Develop Grouping & Targeting features within the Intune organization, enhancing customers' ability to selectively apply and deploy Mobile Device Management solutions to millions of users
- Build front-end for prototype feature, collaborating with multiple partner teams to integrate third-party SDK
- Mitigate customer-reported incidents
- Run daily standup meetings and monthly sprint planning sessions to estimate and prioritize tasks

Software Engineer, **PowerAdvocate,** Boston, MA   (Jan 2020 — Aug 2020 Co-op) + Jun 2021 — Mar 2022
- Developed, tested, and code reviewed full-stack applications within an agile environment
- Architected and designed an entirely new microservice to replace existing third-party service that analysts use to enhance a factbase containing $4+ trillion of spend
- Developed an internal application used by 70+ employees to gather and enhance location data for suppliers
- Migrated and re-structured data from existing Oracle database into Redshift, memSQL, and Elasticsearch
- Implemented endpoints to query data across multiple Elasticsearch indices and a memSQL database

Head Course Assistant for CS 2800: Logic & Computation, **Northeastern University**   Jan 2019 — May 2021
- Ran weekly lab of over 20 students to reinforce lecture material
- Held weekly office hours to provide focused assistance for students
- Graded assignments and exams in an efficient and timely manner
- Tutored students who needed additional practice in a one-on-one setting

PROJECTS

Words with Associates (wwa.dillonhammer.com)   July 2023
- Developed a clone of the New York Times Spelling Bee game with an added leaderboard feature
- Tech stack: React/Typescript, NodeJS/Express, MongoDB
- Deployed on a reserved Linux instance using Nginx web server

Applause (applause.dillonhammer.com)   May 2021
- Developed a web applause app that allows users to concurrently play and hear sound effects
- Tech stack: React/JavaScript, NodeJS/Express
- Used websockets to provide server-side updates when other users played sounds

Boardgames   May 2020 — Sep 2020
- Created web-app that allows users to play boardgames online; developed using React, NodeJS, and Socket.IO
- Implemented Love Letter and Codenames

INTERESTS

Cello, Crosswords, KenKen, Musical Theater