

# Dillon Hammer

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## EDUCATION

**Northeastern University**, Boston, MA

GPA: 3.96/4.0

Bachelor of Science in Computer Science

**Activities:** Symphonic Orchestra, NU Stage, Sandbox (student-led software consultancy)

## SKILLS

**Programming Languages:** JavaScript/TypeScript, Java, SQL, HTML, CSS

**Technologies/Software:** React, Git, AWS (EC2, S3, Lambda, Elasticsearch, Redshift), Docker

**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

January 2020 — March 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**

January 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

**boardgames**

May 2020 — September 2020

- Created web-app that allows users to play boardgames online; developed using React, Node.js, and Socket.IO
- Implemented Love Letter and Codenames

**LanguageX**

June 2020 — August 2020

- Developed backend for a language-learning startup targeting functional learning over level-based courses
- Maintained a mongoDB database running on an AWS EC2 instance to support a Node.js backend
- Collaborated regularly with founder and designers to ensure development was aligned with product vision

## INTERESTS

Cello, Crosswords, KenKen, Musical Theater