Dillon Hammer

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Boston, MA

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dillonhammer.com

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, Python, SQL, NoSQL, HTML, CSS

Technologies/Software: React, Git, AWS (EC2, S3, Lambda, Elasticsearch, Redshift), GCP, Airflow, Docker, MongoDB, Linux

WORK EXPERIENCE

Software Engineer, **Wayfair,** Boston, MA   October 2023 — Present

- Developed data pipelines using Airflow and Cloud Composer for estimating incidents & logistics costs
- Improved incidents estimation using new data science model that resulted in estimated $2M annual savings
- Improved coverage of competitor price estimates by implementing new pipeline based on product visual similarity
- Migrated team pipelines off on-prem Airflow instance into GCP-managed Cloud Composer instance
- Managed on-call incidents

Software Engineer, **Microsoft,** Redmond, WA   May 2022 — September 2023

- Developed Grouping & Targeting features within the Intune organization, enhancing customers' ability to selectively apply and deploy Mobile Device Management solutions to millions of users
- Built front-end for prototype feature, collaborating with multiple partner teams to integrate third-party SDK
- Mitigated customer-reported incidents
- Ran 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
- Migrated and re-structured data from existing Oracle database into Redshift, memSQL, and Elasticsearch

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
- Tutored students who needed additional practice in a one-on-one setting

PERSONAL PROJECTS

Words with Associates (wwa.dillonhammer.com)

- 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

Songs with Associates (swa.dillonhammer.com)

- Developed a guess-the-song web app inspired by Heardle, with added leaderboard feature
- Tech stack: React/Typescript, NodeJS/Express, MongoDB
- Integrated with Spotify API for song selection and search, using YouTube player for free song audio

INTERESTS

Cello, Crosswords, KenKen, Musical Theater