


Matt Faucher

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 GitHub

 LinkedIn

 Personal Site

Skills

- **Languages:** Java, C, Dart, JavaScript, Bash, Python, SQL, R, GraphQL, HTML/CSS
 - **Technologies:** React, AngularDart, Linux, RPC, Protocol Buffers, Git, Agile, S3, EC2, MongoDB, MapReduce, Spark
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Experience

Amazon Web Services

Software Engineering Intern

Boston, MA

September 2022 – Present

Google

Software Engineering Intern

Kirkland, WA (Remote)

June 2022 – September 2022

- Implemented dashboard customization feature in enterprise web application
- Utilized Java and AngularDart to develop server and client side logic
- Leveraged RPC prefetching to load user settings data with 0% increase in page load time
- Collaborated with UX, PM, and engineers to enhance UI/UX of feature

Graduate Teaching Assistant

Khoury College of Computer Sciences

Boston, MA

January 2022 – May 2022

- CS5004 - Object Oriented Design
- Facilitated a deep understanding of OOP in Java
- Provided one-on-one support for concepts and theory along with debugging sessions

Teradyne

Software Engineering Intern

North Reading, MA

August 2021 – December 2021

- Researched project management charting optimizations with engineering managers
- Implemented bug fixes in Visual Basic which decreased hardware engineer workload by 10 hours/week
- Collaborated with hardware engineers to develop automated data analysis tool in Python

Graduate Teaching Assistant

Khoury College of Computer Sciences

Boston, MA

April 2021 – August 2021

- CS5008 - Data Structures, Algorithms, and Their Applications Within Computer Systems
 - Increased the average grade of students who attended my office hours by 10%
 - Provided one-on-one support for concepts and theory along with debugging sessions
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Projects

nuHabit [Go to Application](#)

Tech Used: React, Express, Node, MongoDB, Bootstrap, HTML/CSS

[Go to Repository](#)

May 2021 – August 2021

- Designed and implemented an elegant front-end application via React Components and Bootstrap
 - Developed middleware and back-end application architecture using Express, Node, and GraphQL
 - Integrated persistent data with MongoDB connection to back-end application
 - Successfully handled over 50 daily active users
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Education

Northeastern University

M.S. Computer Science (GPA: 3.85/4.00)

Boston, MA

September 2020 – Present

Endicott College

B.S. Biology / Biotechnology (GPA: 3.45/4.00)

Beverly, MA

September 2015 – May 2015