


Matt Faucher

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 GitHub

 LinkedIn

 Personal Site

Skills

- **Languages:** Java, C, JavaScript, R, Python, C#, SQL, GraphQL, HTML/CSS
- **Software:** Linux, Bash, Git, Jira, Agile Development, JSON, HTTP, REST API, MongoDB, React, Node, Express

Experience

Teradyne

Software Engineer

North Reading, MA

August 2021 – Present

- 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

- 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

Sensitech

Software Engineer

Beverly, MA

January 2020 – August 2020

- Implemented REST API processor in C# for Jira Server API JSON objects to accumulate ticket, epic, bug, and feature data for upcoming software release and update
- Compiled and delivered validation packages containing release documentation that was subsequently converted to interactive .NET application with Windows Forms
- Collaborated with Quality Assurance team to ensure all release information was valid and correctly populated

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 active daily users

Mini-Shell

Tech Used: C & UNIX

[Go to Repository](#)

February 2021

- Assembled a command line text processing program to interpret bash commands in C
- Integrated bash pipe command from scratch as well as multiple custom commands that allow users to access machine specific data

Education

Northeastern University

M.S. Computer Science (GPA: 3.96/4.00)

Boston, MA

September 2020 – Present

Endicott College

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

Beverly, MA

September 2015 – May 2015