Matt Faucher

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Experience

Teradyne   **North Reading, MA**
Software Engineer   *August 2021 – Present*

- Analzyed and assessed IG-XL bugs and implemented bug fixes
- Collaborated and assessed Jira project data with managers to create a data aggregation

Graduate Teaching Assistant   **Boston, MA**
Khoury College of Computer Sciences   *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   **Beverly, MA**
Software Engineer   *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

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

Projects

nuHabit Go to Application   **Go to Repository**
Tech Used: React, Express, Node, MongoDB, Bootstrap, HTML/CSS   *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   **Go to Repository**
Tech Used: C & UNIX   *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   **Boston, MA**
M.S. Computer Science (**GPA:** 3.96/4.00)   *September 2020 – Present*
Endicott College   **Beverly, MA**
B.S. Biology / Biotechnology (**GPA:** 3.45/4.00)   *September 2015 – May 2015*