

Scott DeMeo

Software Engineer

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Boston, MA

SKILLS:

PROFICIENT:

NODE.JS / NPM

HTML5 / CSS3

GIT / GITHUB

SEQUELIZE

EXPRESS

HEROKU

REACT

REDUX

KNOWLEDGEABLE:

MOCHA / CHAI / JASMINE

VSCODE EXTENSION API

AGILE DEVELOPMENT

UNIT TESTING

POSTGRES SQL

TRAVIS / CI

TYPESCRIPT

SOCKET.IO

AWS / EC2

DOCKER

JQUERY

JIRA

PROJECTS:

STREETBYTER

Feb. 2019 – Present

youtu.be/SrdHRIPqd3U

- A dynamic, multiplayer web app that allows programmers to practice their skills together in a friendly environment.
- Users can submit arbitrary code and have it evaluated in a sandboxed environment with restricted permissions / resource consumption.
- Stack: Docker, Heroku, AWS / EC2, Node.js, Socket.io, React/Redux, Express

DEXTENSION

Jan. 2019 – Present

youtu.be/3ITHgLBZaaQ

- Solo developer of a VS Code extension that enables developers with diabetes to see their latest blood sugar reading info without disrupting their workflow.
- Users are also able to view a historical three-hour trend graph after clicking on the dExtension status bar item and configure custom thresholds within VS Code for high / low blood sugar alert notifications.
- "Mad Science – Most Purely and Absurdly Excellent Project" Award
Fullstack Academy Stackathon, January 2019
- Stack: VS Code Extension API, Dexcom API, Node.js, Chartist.js

EXPERIENCE:

SOFTWARE ENGINEER

MachineMetrics

Cambridge, MA

April 2019 – Present

- Design, develop, and document APIs and their architectures
- Model data schemas and design migrations to support new and existing APIs
- Build systems for real-time asynchronous processing to manage application state
- Review code and provide and receive constructive feedback to help develop the team
- Leverage new and established Cloud services such as AWS Lambda
- Write code that includes unit tests, integration tests, and documentation

IT SUPPORT COORDINATOR

Brooklyn Prospect Charter School

Brooklyn, NY

Oct. 2017 – Oct. 2018

- Triage, monitor, and troubleshoot support requests, escalating as necessary
- Collaborate effectively with managed service providers to achieve consistent and reliable network connectivity and equipment functionality
- Configure, image, and maintain district hardware, software, and accounts

HELPDESK SUPPORT SPECIALIST

Colchester School District

Burlington, VT

Oct. 2016 – June 2017

- Lend remote and on-site support for district technology
- Observe district policies and lead long term pilot initiatives accordingly; economize downtime through the complete digitization of all help desk documentation
- Calculate cost estimates for district technology budget spreadsheets

EDUCATION:

FULLSTACK ACADEMY OF CODE

Oct. 2018 – Feb. 2019

- An immersive software engineering program focusing on Javascript and the NERDS (Node.js, Express, React, Databases using SQL) stack.

NEW YORK UNIVERSITY

Aug. 2017 – Aug. 2018

- Intensive Introduction to Graduate Study in Computer Science I / II
- Elements of Discrete Mathematics

KEENE STATE COLLEGE

Aug. 2015

- Bachelor of Arts – Music