ADAM BREWER

adabrew.com   @ adam@adabrew.com   ☎ (401) 649-2082   ♦ Providence, RI   in adamhbrewer   ○ adamhb123

EXPERIENCE

Software Developer

MEDITECH

📅 January 2023 – May 2023   ♦ Foxborough, MA

Role: Develop new features, maintain old code, and perform bug fixes working in an agile environment.

- Gained proficiency in 3 different proprietary languages dating back to the 80s within a period of 4 months.
- Designed and developed an internal tool that reminds employees to sign in/out of work at user-defined times using Python. Further automated this process by providing a GUI through the Windows Toast Notifications api (winsdk) giving users the ability to select their working status and location, logging-in automatically and updating the user's status on the timepunch website (using Selenium WebDriver) when the "Update Status" button is pressed.
- Solved a multitude of bugs with market-facing and internal software.

Software Engineer Co-op

CODONICS

📅 June 2021 – December 2021   ♦ Cleveland, OH

Role: Develop new features as well as maintain old code relating to the SLS (Safe Labelling System) project.

- Used Java, JavaScript, and other various technologies for feature implementation and bug fixing for the SLS project (as well as the accompanying Administration Tools).
- Used Python, PyQt, and the Google Translate API for the translation of large documents and manuals relating to the SLS to various languages.
- Used on-site software, including Jenkins, CodeReviewer and TestTrack, in order to test code, document bug fixes, report new bugs, and submit code for review.

EDUCATION

Rochester Institute of Technology

Bachelor of Computer Science (incomplete, left school for work)

📅 2020 – 2022

GPA: 3.7

PROJECTS

Sentinel Security (ImagineRIT 2022)

github.com/adamhb123/imagine2022-frontend

📅 March 24th, 2022 – May 2022

Developed with a team of more than 5 fellow Computer Science House members (all Comp Sci., Comp Eng., Soft Eng. students). This frontend was my portion of the project, and was written on short notice in about a month's period. It is written in React using TypeScript. Occasionally visible at sentinelsecurity.csh.rit.edu. See our Imagine project page at rit.edu/imagine/exhibits/cshacked-sentinel-security.

NuInfoSuite (NuInfoSys + NuInfoSyte)

github.com/adamhb123/NuInfoSys
github.com/adamhb123/NuInfoSyte

📅 August 24th, 2021 – 2922

NuInfoSuite consists of two different child projects: NuInfoSys, and NuInfoSyte. NuInfoSys is a Python library implementing the Alpha® sign communications protocol to send messages and graphics to Alpha® signs. NuInfoSyte is a web front-end for NuInfoSys that enabled users to interact with an Alpha® sign through a graphical interface.

OBJECTIVE

Seeking a full-time Software Engineering position.

GENERAL SKILLS

Full-stack Web Development

Software Development

Machine Learning

API Design and Development

Remote Work   Communication

TECHNOLOGICAL SKILLS

TypeScript   JavaScript   NodeJS

ReactJS   ExpressJS   Python

Dart (Flutter)   C   Java   HTML/CSS

Sass   EJS   Jinja2   SQL

MongoDB   Flask   Pandas   NumPy

Scikit-Learn

TOOLS

Git   Jenkins   OpenShift   PyCharm

IntelliJ IDEA   Vim

Visual Studio 2019

Visual Studio Code

OPERATING SYSTEMS

GNU/Linux—Ubuntu, Arch, RHEL

Windows (Vista,...+)

ORGANIZATIONS

Computer Science House

📅 Aug 2020 - Present

♦ Rochester, NY

Special Interest House centered around Computer Science with a focus on projects and education.

I was a webmaster for the organization, meaning I maintained and improved our various websites (e.g. csh.rit.edu, our primary website) through code-review and repository management, as well as my own contributions to the codebase.