

ADAM BREWER

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📍 Corning, NY

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EXPERIENCE

Software Engineer Co-op

Codonics

📅 June 2021 – December 2021

📍 Cleveland, OH

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

- Utilized Java, JavaScript, and other various technologies for feature implementation and bug fixing for the SLS project (as well as the accompanying Administration Tools)
- Utilized Python, PyQt, and the Google Translate API for the translation of large documents and manuals relating to the SLS to various languages
- Utilized on-site software, including Jenkins, CodeReviewer and TestTrack, in order to test code, document bug fixes, report new bugs, and submit code for review
- Technologies : Java, Groovy, Grails, Ant, JavaScript, Python, Git, Jenkins
- Skills : Problem-Solving, Communication, Code Review, Documentation

Systems and Analysis Support Assistant

Rochester Institute of Technology Enrollment Management Team

📅 Nov 2020 – Present

📍 Rochester, NY

Create, improve, and maintain pages and tools relating to student enrollment

- Utilized AJAX and JSON in order to interact with the Vidyard API to render unique personalized videos for new students to see in their digital acceptance letters
- Utilized HTML, CSS, and JavaScript to improve the appearance and interactivity of various enrollment pages used by students
- Technologies : HTML, CSS, JavaScript, AJAX, JSON
- Skills : Problem-Solving, Communication, Interactive and Visual Design

EDUCATION

Bachelor of Computer Science

3.8 GPA

📅 August 2020 – May 2025

PROJECTS

NulInfoSuite (NulInfoSys + NulInfoSyte)

github.com/adamhb123/NulInfoSys

github.com/adamhb123/NulInfoSyte

📅 August 24th, 2021 – Present

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

- Technologies : Python, NodeJS, ExpressJS, HTML/CSS, JavaScript, Git
- Skills : Software Development, Specification Implementation

Food Vibes

github.com/adamhb123/food-vibes-plus

📅 February 20th, 2021 – February 21st, 2021

Made use of JavaScript, HTML/CSS, Axios, ExpressJS, NodeJS, the Dolby audio enhancement api, and the ACRCLOUD music recognition api to process, enhance, and recognize music and list food items associated with that genre of music

OBJECTIVE

Seeking an internship in Software Development for the Summer of 2022

GENERAL SKILLS

Full-stack Web Development

Software Development

Embedded/Electronic Development

API Design and Development

Fast Learning

Problem Solving

Multi-Tasking

Planning

Communication

TECHNOLOGICAL SKILLS

Python

HTML/CSS/JS

C

Java

NodeJS

ReactJS

ExpressJS

EJS

Jinja

Flask

SQL

TOOLS

Vim

Git

Jenkins

PyCharm

IntelliJ IDEA

Visual Studio 2019

Visual Studio Code

OPERATING SYSTEMS

Windows (Vista+)

GNU/Linux (Ubuntu, Arch, RHEL)

ORGANIZATIONS

Computer Science House

📅 Aug 2020 - Present

📍 Rochester, NY

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

I am currently a **webmaster** for the organization, meaning I maintain and improve our various websites (such as csh.rit.edu, our primary website) through code-review and repository management, as well as providing my own contributions in code.

- Technologies : HTML/CSS, JavaScript, Axios, NodeJS, ExpressJS, various APIs, Git
- Skills : Full-stack Web Development, Planning, Problem Solving, Communication