

# ADAM BREWER

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## EXPERIENCE

### 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. \_\_\_\_\_

### Systems and Analysis Support Assistant

#### Rochester Institute of Technology Enrollment Management Team

📅 Nov 2020 – March 2022

📍 Rochester, NY

**Role:** Create, improve, and maintain pages and tools relating to student enrollment.

- Used 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.
- Use HTML, CSS, and JavaScript to improve the appearance and interactivity of various enrollment pages used by students.
- Worked 20 hours a week throughout school, my Codonics co-op, and breaks.

## EDUCATION

### Rochester Institute of Technology

Bachelor of Computer Science (prior to transfer)

📅 2020 – 2022

GPA: 3.7

### SUNY Alfred

Bachelor of Computer Engineering Technology

📅 2022 – 2024 (expected)

GPA: 3.7

## PROJECTS

### Sentinel Security (ImagineRIT 2022)

[github.com/adamhb123/imagine2022-frontend](https://github.com/adamhb123/imagine2022-frontend)

📅 March 24th, 2022 – Present

Developed with a team of 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 TypeScript, and uses ReactJS and node. Occasionally visible at [sentinelsecurity.csh.rit.edu](https://sentinelsecurity.csh.rit.edu). See our Imagine project page at [rit.edu/imagine/exhibits/cshacked-sentinel-security](https://rit.edu/imagine/exhibits/cshacked-sentinel-security).

### NulInfoSuite (NulInfoSys + NulInfoSyte)

[github.com/adamhb123/NulInfoSys](https://github.com/adamhb123/NulInfoSys)

[github.com/adamhb123/NulInfoSyte](https://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.

## OBJECTIVE

Seeking an internship in Software Development.

## GENERAL SKILLS

Full-stack Web Development

Software Development

Embedded/Electronic Development

API Design and Development

Fast Learning

Problem Solving

Multi-Tasking

Remote Work

Planning

Communication

## TECHNOLOGICAL SKILLS

Python

C

Java

JavaScript

TypeScript

NodeJS

ReactJS

ExpressJS

HTML/CSS

Sass

EJS

SQL

Flask

## TOOLS

Vim

Git

Jenkins

OpenShift

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](https://csh.rit.edu), our primary website) through code-review and repository management, as well as providing my own contributions in code.