

CALVIN BROWNLEE

EXPERIENCE

Web Developer Intern, AudioDrops

Brooklyn, NY — September 2018 - Present

- Developed user features for web browser version of AudioDrops application using Node.js and Javascript.
- Improved API security and documentation.

Quality Engineer, Bond

New York, NY — January 2017 - November 2017

- Solved quality and efficiency shortfalls through data insights by collaborating across product department teams and engineering new operations processes resulting in an increased output by 12%, machine efficiency by 15%, and FPY by 22%; reduced operational costs by **\$600,000** over a one-year period.
- Negotiated with suppliers on quality standards and formalized a refund structure for substandard work; recuperated **\$15,000** over a one-year period.
- Created and defined quality and documentation standards. Worked with Production team to build and implement.
- Collaborated with Product team on new product features and e-commerce enhancements in an Agile work environment.

Production and Repair Service Manager, Makerbot

Brooklyn, NY — February 2013 - October 2016

- Shaped and directly supervised the production department comprised of over 120 assembly line workers, repair technicians, and line leaders.
- Independently developed assembly work documents, training standards, attendance system, and hiring practices.

PROJECTS

Museum Catalog App

[Live Link](#) | [Github Link](#)

February 2018

- A RESTful web app designed using Bootstrap, Flask framework, JSON, and a PostgreSQL database for the back-end.
- OAuth2 provides authentication for CRUD functionality via Google and Facebook accounts.
- The application is hosted on a AWS LAMP server using Linux (Ubuntu), Apache, PostgreSQL, and Python.

Local Map Project

[Live Link](#) | [Github Link](#)

January 2018

- Web app built with Google Maps JavaScript and Wikipedia API integration to populate a map with relevant details including Wikipedia articles.
- Knockout.js framework used to implement MVVM and provide filtering for locations.

Wordpress Template Example

[Live Link](#)

March 2018

- Demonstrates use of Wordpress and the Elementor plugin to rapidly design a website UI.
- Hosted on a Bitnami AWS server instance.

EDUCATION

University of Mississippi

Psychology

Jones County Junior College

Associate's Degree

CERTIFICATIONS

Udacity Nanodegree Program

Full-Stack Developer

Six Sigma Yellow Belt

Makerbot

SKILLS

Programming Languages

JavaScript
Python
HTML5
CSS3

Libraries and Frameworks

Node.js
Express.js
Knockout.js
jQuery
Bootstrap
Flask

Other Skills

LAMP Server Admin
Amazon Web Services
Git and Github
PostgreSQL
MongoDB
Linux and Ubuntu