

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, documentation, and user experience.

Quality Engineer, Bond

New York, NY — January 2017 - November 2017

- Solved quality and efficiency shortfalls through data insights, collaboration across department teams, and engineering new processes. Results include: 12% higher total output per day, a 15% increase in machine efficiency, and a FPY improvement of 22%. All combined, operational costs were reduced 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, defined, and implemented quality and documentation standards. Trained local and remote production employees.
- 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](#)

2018

- A RESTful web app built with Bootstrap, Python, Flask, and PostgreSQL.
- OAuth2 provides authentication for user CRUD functionality via Google and Facebook accounts.
- The application is hosted on a AWS LAPP server using Linux (Ubuntu), Apache, PostgreSQL, and Python.

Local Map Project

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

2018

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

Wordpress Template Example

[Live Link](#)

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

Front End

JavaScript
React.js
Bootstrap
jQuery
Knockout.js
HTML5 and CSS3

Back End

Node.js
Express.js
Python
Flask
PostgreSQL
MongoDB

Other

LAPP Server Admin
Amazon Web Services
Git and Github
Linux and Ubuntu
Wordpress
Webpack