

# 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 LAMP 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

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