

# NATHAN J HARRIS

nathan@nathanjharris.com || 323.325.5434

## SKILLS

**Languages:** JavaScript - Python – SQL - PHP

**Web Frameworks:** Node.js - Express – Django - Flask

**Databases:** NoSQL MongoDB – PostgreSQL – SQLite

**Front End:** HTML - CSS – ReactJS - Jinja2 - EJS - jQuery

**Hard Skills** – Full Stack Web Development – REST API –

Microservices - Project Management – Unit Testing – Coding

Best Practices – Cross-Functional Collaboration – Object

Oriented Programming – Agile Methodology

## ABOUT

I am a software engineer who creates solutions that are designed to affect everyday lives. I use my background in motion picture film and lighting console programming to work with people on both sides of the creative and technological divide. My goal is to build or improve software that strips away obstacles so that people can get closer to what matters most.

[GitHub](#) - [LinkedIn](#)

## EXPERIENCE

### Full Stack Software Engineer - General Assembly -- Remote 2020

Thrived in a 12-week, expert-led program absorbing Front End Web Development including jQuery and DOM manipulation, Full Stack App Development through Express / EJS, Backend focused unit based on Python and Django, and finishing with Front End Frameworks such as React. Participated in a 48-hour collabathon with UX/UI designers as well as multiple partner and group projects utilizing Peer Programming.

- [Tamagotchi](#) - Vanilla JavaScript DOM manipulation for an interactive game with custom colors and CSS animation.
- [My Bookshelf](#) - Developed a full stack web application focused on saving book information to a user's bookshelves. Made with Node Express + Mongo DB with Goodreads API implementation and image upload.
- [Borrow This!](#) - Developed a full stack web application focused on creating a peer-to-peer rental community where users can rent items posted by other users. Made with Python Django + PostgreSQL with custom form validation.

### Motion Picture Lighting Console Programmer – Los Angeles California 2017-2020

Programmed lighting cues, effects, and archived lighting configuration in a database while managing a data network across hundreds of devices. Past Employers include HBO (Insecure S4), Facebook Watch (Sorry for your Loss S2), Showtime (Black Monday S1), FX (American Crime Story Versace), and CBS (Strange Angel S1). Member of IATSE Local 728 Motion Picture Lighting Union

### Operations Manager – Geronimo Creek Film Company -- Los Angeles California 2014 - 2017

Boutique, state-of-the-art, studio lighting and grip equipment rental company. Managed day to day operations including client relationships, orders, accounts receivable and payable. Oversaw doubling the company size through inventory purchases, redistributing storage, workflows and recruiting new staff. Built systems that allowed our company to triple active orders and employee training that reduced errors, training time, and turnover.

## EDUCATION

General Assembly	Software Engineering Immersive	2020
Southern Methodist University	Bachelor of Arts	2010
Recipient of the Nash Parsley Award for Academic Excellence		2010