

# Christopher Stucke

## FULL STACK SOFTWARE ENGINEER

[cmstucke@gmail.com](mailto:cmstucke@gmail.com) > 937-479-3999 > [LinkedIn](#) > [Github](#) > [Portfolio](#) > Bridgewater, VA

**SKILLS:** JavaScript, React, Redux, Python, Flask, SQLAlchemy, Node, Express, Sequelize, Git, HTML, CSS, AWS, Socket.io

### PROJECT EXPERIENCE

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#### SPOOKY - ECOMMERCE >> Flask, SQLAlchemy, React, Redux, AWS

[Github](#) > [Live](#)

- Implemented user interface to manage shops and products utilizing Redux state management to present the user their data clearly and foster interaction through an easy-to-use interface.
- Enabled users to upload local image files via an Amazon Web Services S3 bucket to generate their respective image addresses to be stored in the SQL database.
- Structured a product-viewing component using frontend state management library to allow a user to select from up to five images to allow a user to select from up to five images to preview the product.

#### BISCORD - SOCIAL MEDIA, MESSAGING >> Flask, SQLAlchemy, React, Redux, AWS, Socket.io

[Github](#) > [Live](#)

- Collaborated with a team of engineers coordinating through Git branches to develop backend routes and frontend components to emulate a messaging application's capabilities to communicate among users.
- Remounted chat component elements with data received and sent from the server using a WebSocket broadcast to display new messages to the user in real time.
- Established user profile setup to conditionally employ cloud storage of the user's local files or generation of a logo in cascading style sheets to allow further customization for users.
- Designed a user interface to conditionally render elements using URL parameters, state management, and component properties to give the user visibility over all features within the same display.

#### MEETUP EMULATION - SOCIAL MEDIA >> Express, Sequelize, React, Redux

[Github](#) > [Live](#)

- Established features for groups and subsequent events created for those groups using database table relationships and frontend components allow users to create, read, update, and destroy their data with permissions over certain database records only.
- Designed a layout using hypertext, markups, and cascading style sheets to adhere as exactly as possible to wireframes to craft a unified presentation of the interface.
- Employed validation middleware to customize the authentication of data intended for the database to return any notifications of invalid submissions to the user simultaneously through conditionally rendered elements.

### WORK EXPERIENCE

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#### DISCOUNT LOTS >> *Acquisitions Manager* > Chicago, IL

May 2020 – January 2022

- Refined seller outreach into maintained records to maximize contact and decrease delays in title transfer.
- Coordinated title clearance with outside insurers and verified subsequent commitment conditions to ensure viability of prospective inventory.
- Studied prospective bulk purchases for encumbrances to the title and composed overall risk assessments to gauge potential gain or loss in resale value.

#### DYNAMISM > Chicago, IL

*Marketing Manager*

August 2017 – April 2019

*3D Printing Technician*

July 2016 – August 2017

- Initiated checklist and logistics procedures for machine maintenance and demonstration in public conference environments to maximize display uptime during professional events.
- Trained outbound sales staff both in technical skills to provide prospective customers with proof-of-concept 3D prints and in correspondence and explanation of machine specs and capabilities.
- Partnered with sales staff to construct both graphic and 3D modeling collaborations with outside organizations to increase marketing visibility and association to the retailer's largest customer groups.

### EDUCATION

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**APP ACADEMY >> *Certification in Full Stack Software Engineering***

**Graduated Autumn 2023**

**UNIVERSITY OF CINCINNATI >> *Bachelor of Science in Industrial Design* >> Cincinnati, OH**

**Graduated Spring 2015**