



# TAYLOR HARTSFIELD

## FULL-STACK SOFTWARE ENGINEER



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[Github](#) | [LinkedIn](#) | [Portfolio](#)



Colorado, USA

## PROJECTS

### PlayBuild Pro - [PlayBuild Pro Repo](#) | [Live Site](#) | [Project Demo](#)

An application for theater admin to create, render and share a dynamic playbill with user's uploaded information.

Python | React | JavaScript | Flask | HTML | PostgreSQL | Bootstrap | CSS | AWS

- Scoped, designed, and engineered a full-stack application with an object-oriented back-end using a relational database with the SQLAlchemy ORM, and a Python server
- Created a dynamic front-end using React and AJAX
- Integrated APIs for secure user image uploads and sending email communication to users
- Customized a unique user experience for three different account types by developing conditional functionality and an organized, many-to-many relationship database

### Inventory Tracking App - [Repo](#) | [Live Site](#)

A CRUD application to add inventory, assign inventory to shipments, and update warehouse inventory accordingly.

Python | SQLite | Flask | HTML | Jinja

- Designed, and developed a back-end focused inventory tracking application with basic CRUD functionality using Python and SQLite
- Created a database table that allows inventory to be connected to a warehouse and a final shipping location to allow users to allocate inventory to shipments

## EXPERIENCE (Comprehensive experience on [LinkedIn](#))

### HACKBRIGHT ACADEMY | Software Engineer (Fellow) April 2022 - October 2022

- Engineered PlayBuild Pro from conception to deployment in an agile environment while learning and executing a competitive technology stack including Python, React, JavaScript, SQL, and UX design
- Participated in daily scrum meetings to ensure efficient and effective delivery of assignments
- Collaborated with fellow engineers in frequent pair programming projects
- Studied and implemented advanced data structures and computer science fundamentals such as runtime analysis, recursion, sorting algorithms, linked lists, graphs, and binary trees

### FAVOR THE KIND | Crested Butte, CO | Director | October 2019 - Present

- Increased sales over 63% in my first year and 49% my second year by fostering customer-focused standards and strengthening sales techniques such as upselling and maximizing the consumer dollar across my team
- Increased employee retention rate by 36% by establishing attainable goal-setting practices and cultivating a culture of continued growth and development opportunity
- Developed strategic and profitable investment plans by partnering directly with the CEO to review market data, align on customer acquisition techniques and trends, and analyze competitors in order to introduce new and relevant products

## EDUCATION

### ACCELERATED SOFTWARE ENGINEER PROGRAM

Graduated October 2022

Hackbright Academy

*Changemaker Scholarship Recipient*

### BACHELOR OF FINE ARTS

Graduated May 2016

California State University Fullerton

## TECHNICAL SKILLS

Python | React | JavaScript | JSON |

AJAX | SQL | HTML | CSS | Flask |

jQuery | Bootstrap | Jinja | Git |

Github | PostgreSQL | SQLAlchemy |

SQLite | Command Line |

Agile/Scrum | AWS