

# Tyler Walker *Software Engineer*

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## EDUCATION

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**Devmountain** | Lehi, UT (remote)

*Graduating May 2022*

- Web Dev Foundations
- Python Software Engineering Specialization

**Community College of Aurora** | Aurora, Co

*December 2019*

- Associates of General Studies

## SKILLS

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JavaScript | NodeJs | Express | PostgreSQL | Bcrypt | CSS | HTML | Github | Postman | SQL Tabs | Heroku  
Python3 | axios | Flask | Postman | Flask | Flask-SQLAlchemy | Jinja2

## PROFESSIONAL EXPERIENCE

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**Devmountain** | Lehi, UT (remote)

*January 2022 - May 2022*

*Web Developer / Python Software Engineer (student)*

Numbered Fun Throwables - [Github Repo](#) | [Demo](#)

HTML | JavaScript | Bcrypt | Express | axios | PostgreSQL | CSS | Heroku

- Browser-based game of Liar's Dice using fundamental Web Dev tools to showcase full stack development.
- Utilized PostgreSQL and Bcrypt to store user progress and encrypted user data in relational database tables.
- Interactive custom CSS styling designed for intuitive and pleasant UX.

Mu Stash - [Github Repo](#) | [Demo](#)

HTML | CSS | Python3 | Jinja2 | Flask | Flask-SQLAlchemy | SQLite | WTForms | Flask\_Bcrypt

- Flask web app for music collection written with the intention to showcase competency with python centric stack.
- Heavily relational database stores user generated data both specific to their account and for global use.
- Dynamically generated pages via use of pagination and heavy use of Jinja2.

**TheCoderSchool** | Centennial, CO (in person and remote)

*April 2022 - Current*

*Coding Coach*

General

- Educated and assisted in the development of young coders, generally age 8 and up, in an individual or small group setting by creating personal projects appropriate in complexity and scope to their current abilities.
- Proficient in several coding tools/languages including Scratch, JavaScript, Python, HTML, CSS, Node.js, Flask, Replit, VS Code, Discord, general aptitude to learn on the fly, and pick up from where other coaches left off.
- Ability to explain complicated topics clearly and concisely in a fun and engaging manner to encourage passion from students.

## Freelance Work

*August 2022 - Current*

*Freelance*

Rainbow Underground - [Github Repo](#) | Demo (coming soon)

HTML | CSS | JavaScript | Axios | Cors | Bcrypt | Express | PostgreSQL | Sequelize | DotEnv

- Mock-up Point Of Sale system with embedded tools across several roles expected within a regional restaurant chain.
- Densely relational database to be utilized for low level applications and high level analytics.
- Implementation of pagination, individual user settings, administrative controls, and experimental features.

## ADDITIONAL EXPERIENCE

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### **Lazy Dog** | Aurora, CO

*June 2022 - Current*

#### *Server*

- Wait staff at a high volume lodge-chic chain with globally inspired culinary options.
- Similar skills and experience applicable from earlier Server experience listed below. Experience with Micros POS.

### **Ball Aerospace** | Westminster, CO

*June 2021 - August 2021*

#### *Quality Inspector I*

- Inspection of internal electronic components of military antennas using company approved methods to ensure functioning components when passed to higher level assemblies.

### **JR Butler** | Englewood, CO

*March 2020 - April 2021*

#### *QA/QC (Quality Control/Quality Assurance), Research & Development,*

- Rigorous testing of structural sealant glazing and unitized curtain wall per ASTM testing methods to ensure consistency of seal integrity once in a field setting.
- Strategic timing and selection of units to test via coordination with various members of shop leadership to minimize work-flow interruptions in other processes.
- Safe and responsible use of hand and power tools.
- Inspection of materials before and after manufacturing processes to prevent defective materials from being sent to field application.
- Implemented and sustained defect tracking to be utilized in combination with TrueLean 8-step problem solving to correct systemic issues within the manufacturing process.
- Tested new materials and product lines before they hit manufacturing, including review and improvement suggestions to standardized work documents, and custom testing and design of sample materials/products in order to safely integrate new products and materials into manufacturing process with minimized concern of unexpected hiccups
- Training/supervision of college/high school interns during their time in the shop.

### **Bad Daddy's Burger Bar** | Aurora, CO

*March 2018 - October 2019, April 2021-June 2021*

#### *Server, Bartender, Host/Busser, Cook, Dishwasher*

- Customer service is self explanatory. I prioritized transparency and consistent communication when issues arose with customers or their orders, doing so typically lead to more positive experience for all.
- Being cross trained to do almost every job in the restaurant let me jump in almost anywhere that needed an extra set of hands, being responsible for multiple jobs over the course of a single shift on occasion. Beyond giving my guests a great customer experience, my next top priority was assisting in removing bottlenecks in the workflow of my fellow servers.

### **Old Chicago** | Aurora, CO

*September 2016 - February 2018*

#### *Busser, Host*

- Responsible for an uptempo clearing and cleaning tables that was conducive to maintaining server seating rotation, and maintained a consistently clean environment for guests. In addition, I was responsible for cleaning and restocking bar glasses to assure our bartenders were unhindered by the lack of clean glasses.
- As a host, I was responsible for accurate wait lists, maintaining server seating rotation, taking to-go orders, maintaining a register, and delegating duties to my fellow hosts.