

DANNY ELLIS

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EDUCATION

Brigham Young University Idaho

B.S. Software Development – 3.86
January 2023 - December 2025
(Expected)

CERTIFICATIONS

Web and Computer Programming

Brigham Young University Idaho
July 24, 2024

PCEP 30-02 – Certified Entry Level Python Programmer

Python Institute
February 4, 2024

KEY SKILLS

Python
JavaScript
Swift
SwiftUI
HTML
CSS
SQL
MySQL
MongoDB
Flask
FastAPI
Node.JS
Express.JS
AWS
Linux

EXPERIENCE

Humphrey, Farrington, & McClain

Information Technology Specialist

October 2022 - Current

- Developed document management software that enhanced network monitoring and searchability of PDFs, resulting in \$10k savings in annual software licensing and \$210k in yearly labor costs.
- Worked with Attorneys and Assistants to gather and document requirements for file manipulation software
- Designed, Developed, and Deployed desktop application to allow firm members to OCR scanned PDFs to convert them to searchable PDFs and convert images or emails into searchable PDFs - 📄

Can2Curb CRM/FSM

Freelance Full Stack Developer

May 2024 – June 2024

- Custom CRM/FSM System: Developed a comprehensive Customer Relationship Management and Field Service Management system for a small business, facilitating customer enrollment, employee management, service route creation, and the tracking of payment and service history. The platform also enables admins to efficiently manage employees
- Implemented the backend using Python and Flask, with SQLite database to manage and track clients, service history, and payment records
- Designed a relational database to store and organize critical business data, ensuring efficient access and management
- Built interactive front-end features using JavaScript, including service route creation and client filtering capabilities
- Reduced annual software expenses by \$1,500 through the development of this custom CRM/FSM solution

Patrick Adair Designs

Senior Production Manager

August 2019 – September 2022

- Analyzed and optimized operations and design process, saving ring makers an hour daily and achieving total annual savings of \$35k across the team, with \$5k saved per ring maker
- Achieved a 200% increase in weekly production (2019-2022) by developing and implanting a comprehensive training program for new team members
- Boosted annual revenue by \$120k by reducing lead times from production to delivery and lowering the rate of return and refund requests
- Interviewed, onboarded, and mentored new team members, ensuring smooth integration and skill development

PROJECTS

[Portfolio Site](#)

Chefs Cabinet 📄

- A dynamic recipe-sharing platform enabling users to share, rate and review recipes while following their favorite chefs. Leveraged AI to generate custom recipes, recipe images, and personalized shopping lists
- Built the backend using Python and Flask, with an SQLite database to manage user profiles, recipes, cookbooks, and shopping lists
- Created a relational database to efficiently store and retrieve user and recipe data
- Deployed the website and database on AWS EC2 Ubuntu Machine, utilizing AWS services for hosting static files and ensuring robust performance and scalability

PROJECTS Continued

Audio Nexus

- An audiobook and podcast filtering app that allows users to browse, stream, filter, and manage audiobooks and podcasts
- Developed a robust API with Python and FastAPI to handle database requests and integrate with external services, ensuring efficient and scalable backend operations.
- Built a cross-platform desktop application for content, user, and employee management using Python, Kivy, and KivyMD, providing an intuitive interface for administrators.
- Created an iOS application with Swift and SwiftUI, enabling end users to register, browse, stream, and manage audiobook and podcast content seamlessly.