Evan **Fannin**

Software Engineer

815, Russell St., Nashville, TN 37206

615-739-1996 | ezfannin@gmail.com | myPersonalSite | evan-fannin | evan-fannin

Projects

Denny BnB

A booking website for repeat Airbnb guests

- React single page application with Django backend
- Dockerized using Docker Compose and deployed on AWS EC2
- React code has near 100% test coverage
- Backend user authentication and protected routes; Frontend redirects with React Router
- Utilizes React Context to track authentication state
- JWT token authentication

Experience

The General, Product Management

Nashville, TN

Product Analyst

May 2021 - Current

- Built a web scraping application in Python with the library Selenium. Has a simple desktop GUI that allows product managers to call one of many scripts to gather agency info from competitor's websites. This reduces what was before days of work into a few button clicks. It also opens up a wider range of data that before was not possible to be gathered fully.
- In several projects automated data collection and manipulation from multiple sources into graphic Excel files using Python, thereby opening up access to previously inaccessible information.

The General, Data Science

Nashville, Tennessee

Machine Learning Engineer Intern

May 2020 - August 2020

- Built a RESTful API to identify images of cars as a filter for a larger model intending to predict whether a wrecked car is totaled or not.
- Built the API in Python to wrap a PyTorch ResNet model trained on internal data using transfer learning. Dockerized and deployed on AWS EC2. Documented how to load and transform the data.
- Presented the project to senior management in a company-wide showcase

Skills

Programming Languages	Javascript, Python, Java
Web Frameworks	Django, Django Rest Framework, React
Testing Libraries	Jest, Enzyme, Sinon
Deployment	Docker Compose, Nginx, AWS EC2
Human Languages	English, Mandarin Chinese

Education

Belmont University

Nashville, Tennessee

Bachelor's in Mathematics with Computer Science Minor

2014 - 2020

- Notable courses: Artificial Intelligence, Algorithms and Data Structures, Multivariable Calculus, Linear Algebra, Discrete Mathematics, Graph Theory, Differential Equations, and Abstract Algebra