Matthew Young

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Technical Skills

Programming | Python, Javascript ES6+, HTML 5, CSS, Java
Back End | Django, Fast API, MongoDB, PostgreSQL, RESTful APIs, Rabbit MQ
Front End | React.js, Bootstrap, DOM manipulation
System Design | Docker, Microservices, Monoliths, Domain-driven design, Heroku

Application Development Experience

Full-stack developer | https://gitlab.com/apex-legends1/paper-stonks   2022
Stock paper trading application
- Developed back-end microservices for authentication and user accounts/assets using **FastAPI**
- Deployed back and front end apps to internet using **Gitlab CI/CD** pipeline and **Heroku**
- Collaborated with 5 person team to design front end with **Figma**.

Full-stack developer | Car dealership management app | gitlab.com/matthewyoung777/project-beta
Software application to handle vehicle services, sales, and inventory for a dealership   2022
- Created a dynamic front-end user interface using **React.js** for service appointments
- Developed **RESTful APIs** for data access using **Django** for the appointment microservice
- Designed and built data model architecture and microservices structure using **Django** models and **Docker containerization**
- Collaborated as a team with others using **GitLab** branches and code merging

Team project and task manager | gitlab.com/matthewyoung777/project-alpha-apr   2022
Project application for delegating specific tasks to team members
- Developed back-end models and databases using Django ORM
- Produced application UI by integrating Django templates

Professional Experience

Cruise Automation - Autonomous Vehicle Test Specialist | San Francisco, CA   2019 - 2022
- Expanded drivable testing zones in mapping vehicles for San Francisco self-driving fleet
- Pinpointed and **communicated** problematic drive behavior data for the engineering team
- Produced experienced and safety-oriented vehicle testers as a **trainer** for fleet ops new hires

Education

Hack Reactor | Advanced Software Engineering Immersive Program Certificate   2022
Full stack application development with 1000+ hours of coding including Python, Django, Javascript, React.js, and PostgreSQL in an AGILE environment.

University of Washington Seattle | Bachelor of Arts in Economics   2019
Object-Oriented Programming, Data structures and Algorithms, Data Analytics, Statistics