

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, Data Modeling

Application Development Experience

Paper Stonks | *Stock paper trading application* | <https://gitlab.com/apex-legends1/paper-stonks> 2022

- Designed and implemented a scalable and secure **REST API** for data access using **FastAPI**
- Built front end UI components in **React** integrating Chart.js and real time stock data
- Containerized microservice architecture with **Docker**
- Automated **CI/CD** pipelines utilizing **GitLab** while cultivating a 5-member team to meet goals.

Car dealership CRM | 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 for inventory and service scheduling in **React**
- Developed **REST API** for data access using **Django** for the appointment microservice
- Containerized microservice architecture with **Docker**
- Collaborated as a team using **GitLab** branches and version control

Project Management Board | 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
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Professional Experience

Cruise - Autonomous Vehicle Test Specialist | San Francisco, CA

2019-2022

- Increased drivable testing zones by 50% through advanced mapping techniques
 - Pinpointed and communicated problematic drive behavior data for the engineering team
 - Trained fleet ops for vehicle testing to achieve 2x mileage accumulation
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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/Algorithms, Data Analytics, Statistics, Econometrics