

# Hunter Goram

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## EDUCATION

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### Florida State University

*Bachelor of Science in Computer Science*

Tallahassee, FL

*Aug. 2020 – May. 2024*

## EXPERIENCE

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### Software Engineering Intern

06/2022 – 09/2023

*Keysight Technologies*

*Colorado Springs, CO*

- As an intern, took a leading role in developing an email analytics API with Python and AWS (S3, EKS, DynamoDB, EventBridge), leveraging Kubernetes to enhance performance by 40% and drive a 25% boost in email campaign effectiveness.
- Led an intern cohort in developing an automated template emailing application using Python (Django) and AWS Lambda, achieving a 20% reduction in operational costs by transitioning away from costly external services.
- Designed and implemented a data visualization dashboard using AWS Amplify and React for an internal job scheduling service, allowing internal customers to spend less time on job analysis.
- Collaborated closely with existing team members to create comprehensive documentation for interns' projects, ensuring optimal efficiency and maintainability.

### Application Development Intern

06/2021 – 08/2021

*Raymond James Financial*

*St. Petersburg, FL*

- Enhanced internal efficiency by designing and deploying an automated stock portfolio rebalancer in Java and Spring, leading to a 30% increase in the number of customers managed per financial advisor and reducing account rebalancing time by 50%.
- Accumulated valuable experience in industry-standard architectural patterns, with a particular focus on microservices architecture.
- Enhanced my technical communication and teamwork skills through close collaboration with my mentor and team members, fostering a supportive and growth-oriented internship experience.
- Awarded recognition as an intern for exceeding internship expectations, rapidly acquiring core web development and Angular skills, and significantly contributing to user story implementations.

## PROJECTS

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### Portfolio | *Python, Django, JQuery, GraphQL, Docker*

- Implemented a dynamic display of pinned repositories on my GitHub profile by leveraging GraphQL to query the GitHub API, showcasing versatility in utilizing external APIs for data integration.
- Leveraged Docker containers to encapsulate the Django application, enabling easy deployment and scalability while maintaining consistent runtime environments.
- Demonstrated proficiency in front-end technologies such as HTML, CSS, and JavaScript by implementing responsive design concepts, ensuring optimal user experience across different devices and screen sizes.

### Simulated Exchange: Market Trading and Execution System | *Python, C++, FastAPI, gRPC, Docker, React*

- Designed to emulate the behavior of the New York Stock Exchange, leveraging various cutting-edge technologies in an elastic, distributed architecture.
- Utilized Docker and Docker Compose to network components of the application i.e. client APIs (gRPC and FastAPI), MySQL database, and the exchange service.
- Distributed architecture allows for high-throughput, low-latency, and reliable transactions in C++ with an efficient trade-matching algorithm.
- Acquired valuable insights into various technical challenges, gaining a comprehensive understanding of the intricacies involved in application design, maintenance, and the development life cycle.

## TECHNICAL SKILLS

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**Languages:** Java, Python, C/C++, JavaScript, HTML/CSS

**Databases:** GraphQL, SQL (Postgres, MySQL), NoSQL (DynamoDB, MongoDB) **Frameworks:** React, Redux, Angular, Node.js, Django, FastAPI, gRPC, Bootstrap, Celery, Async I/O, Spring Boot

**Developer Tools:** Git, Docker, AWS Service Suite, Postman