

HENRY JACOBS

Junior Software Engineer

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WORK EXPERIENCE

Market Research Intern

Key Investment Group

📅 August 2020 - September 2021

📍 Orlando, Florida

- Composed investment proposals to met specific investment goals set forth by clients and presented said proposals to brokers

Economics Tutor

Drexel University

📍 Philadelphia, PA

- Taught fundamental concepts in entry/intermediate microeconomics, macroeconomics, and econometrics to hundreds of undergraduate students.

PROJECTS

[Feature Flagging Service](#)

Lead Developer

- Designed and built a full-stack feature flagging service that allows customers to deploy highly scalable and performant feature toggles across their application via a REST API
- Created a node backend that runs all of the business logic related to the Client SDK and Admin Web Application
- Leveraged advanced ODM capabilities in MongoDB by implementing compound queries to represent complex data relationships
- Implemented a Redis-cache to improve performance of client-side SDK and to conserve server bandwidth
- Ensured secure user sessions and protected route authorization using JSON Web Tokens (JWTs)
- Wrote an extensive end to end test suite using Jest and Supertest

[Fake YouTube](#)

Lead Developer

- Successfully designed and built a fully functional YouTube clone using React, Firestore, and Firebase storage.
- Implemented functionality that allows users to create and register accounts, upload and watch content, interact with content through likes and comments, and search for specific videos/channels

EDUCATION

Bachelor of Science

Economics

Drexel University

📅 2018 - 2022

📍 Philadelphia, PA

Minor

Computer Science

Drexel University

📅 2018 - 2022

📍 Philadelphia, PA

PROGRAMMING LANGUAGES

- Javascript
- Python
- C
- HTML5
- CSS3

FRAMEWORKS

- React.js
- Node.js/Express
- MongoDB/Mongoose
- Postgres
- Jest/Supertest

TECHNOLOGIES

- Git
- Docker
- Webpack
- Visual Studio Code