

# Jacob Lynskey

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## EDUCATION

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Bachelor of Science in Computer Engineering December 2023

Florida International University(FIU); Miami, FL

Bright Futures 100% scholarship | FIU Blue and Gold Scholarship

**Relevant Coursework:** Data Structures | Programming I | Programming II | C & C++ Programming Embedded Systems | Computer Design | Embedded Computing

**Online Courses:** Codepath - Software Engineering | Frontend Simplified | Python 100 days of code

Upsilon Pi Epsilon (UPE) member

## PROJECTS

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**E-Portfolio Website** <https://lynskey5253.github.io/> August 2022 - Present

- Utilized html, css, and javascript to create a functional personal website that displays my skills and projects

**Stock Trading News Alert** July 2022

- Python application that allows users to select a stock of choice and receive relevant data each day through sms

- Collected stock prices through Alpha Vantage API, and NewsAPI is used to fetch relevant articles regarding to the company selected by the user

- Applied Twilio API to send sms alerts containing recent news about the company when its stock price changes.

**REACT Library E-commerce** <https://react-library-8bd79.web.app/> December 2022 - Present

- User friendly web app to browse a wide selection of books from a dataset. Designed easy to use UI/UX.

- Uses REACT for the frontend with multiple components and hooks such as useState and useEffect. Fully dynamic pages and cart that updates with every event.

- Uses Firebase for hosting, database, and Google sign in authentication.

**Ruby on Rails Meal Tracker** October 2022 - Present

- Developed a full-stack meal tracker with Ruby on Rails for REEF.

- Records which meals each worker will have from the office kitchen and stores the data in postgresql.

**Ruby on Rails Food Log** <https://bold-wood-6426.fly.dev/> January 2023

- Developed a full-stack food log that tracks and stores every meal submitted along with its nutritional stats.

- Stores data in sqlite and uses Rails datetime functions to display all the data based on the day and time submitted.

## SKILLS

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Python | Java | C | C++ | html | CSS | JavaScript | Firebase | REACT | Ruby on Rails

**Other:** Google Marketing certifications | Ecommerce Design | Adobe Photoshop/Illustrator | Microsoft Excel