

Liam Evans

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Available: May 13, 2024

Education

Northeastern University, Boston, MA

September 2020 - May 2024

Bachelor of Science in Computer Science and Mathematics

GPA: 3.84/4.00

Relevant Courses: Fundamentals of Software Engineering, Web Development, Database Design, Artificial Intelligence

Clubs: E-Board of Northeastern Recreational Climbing (NRC), Member of Elite Heat (Obstacle Course Racing), Dragon Boat

Technical Skills

Programming Languages: Python | TypeScript | JavaScript | HTML | CSS | Java | Swift | SQL

Libraries & Frameworks: React | Next.js | React Native | Flask | UIKit

Tools & Platforms: Git | GitHub | Heroku | Supabase | Firebase

Coding Projects

Exercise Leaderboard - [GitHub Link](#)

January 2024

React, Typescript, Next.js, Node.js, PostgreSQL, Heroku

- Collaborating in a 4-person team to foster competition among Northeastern students through exercise leaderboards
- Implementing backend REST API and database schema in PostgreSQL for storing and retrieving data
- Integrating Strava API to authenticate user, retrieve activities, and store data in database
- Crafting user-friendly UI using Next.js app router, ensuring seamless user experience with optimal flow

Covey Town – [Website](#) | [GitHub Link](#)

December 2023

React, TypeScript, Node.js, Google Firebase, Render, Jest, Chakra UI

- Collaborated in a 4-person Scrum team, executing sprints to enhance Covey Town's 2D virtual space with vehicles, tricks, animations, and a typing game
- Engineered backend development for equipping and unequipping vehicle within rack area using web sockets
- Designed intuitive UI for rack and trick areas utilizing React components and Chakra UI

Beta AI - [GitHub Link](#)

December 2023

Python, Jupyter Notebook, Flask, Ultralytics

- Partnered in a 3-person team to develop Beta AI, a route solver for indoor bouldering problems
- Trained models with ultralytics to recognize holds and implemented UCS algorithm for route generation
- Connected route solver to a React Native app via Flask API server, enhancing mobile user experience

Husky Hunt Discord Bot - [GitHub Link](#)

November 2023

Python

- Built Discord bot to automatically upload labeled images to Google Drive for Husky Hunt, a 24-hour scavenger hunt
- Saved team time and effort by eliminating manual uploading tasks, enabling participants to focus more on completing other challenges

FitLink Workout App - [GitHub Link](#)

July 2023

UIKit, Google Firebase

- Created FitLink, a fitness-focused social networking app using UIKit and Google Firebase
- Added features like post creation, commenting, user authentication, friend addition, and chat functionality
- Leveraged Google Firebase for secure storage of workout data, images, and user information

Professional Experience

Actuarial Co-Op

January 2022 – June 2022

John Hancock, Boston, MA

- Corrected inconsistencies of over 10,000 policies during transferring process between systems
- Analyzed patterns within data to explain discrepancies in Excel saving hours of manual labor
- Set up scripts in VBA to prepare various daily reports showing macro data about mismatching policies
- Presented healthy lifestyle rider proposal to John Hancock senior actuaries, highlighting potential impact on policyholder risk assessment and premiums

Hobbies

Rock Climbing, Obstacle Course Racing, Powerlifting, Basketball, Video Games, Guitar, Piano, Chess