Daniel DeFlores

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EDUCATION

University of Delaware | Bachelor of Science in Computer Science

- Graduation Date: May 2025
- GPA: 3.64/4.0
- Relevant Coursework: Intro to Software Engineering, Intro to Parallel Computing, Intro to Machine Learning
- Member of Association for Computing Machinery and CS+ Social Good

PROJECTS

FoodFinder | AI/ML Food Logging Application

React Native, JavaScript, Expo, Firebase, Tensorflow.js, Python, OpenAI API

- Engineered a scalable, full stack mobile application for food logging
- Trained a binary classifier machine learning model to classify images as food or nonfood
- Implemented OpenAI computer vision API to further classify food images and estimate calories

StudyBuddy | File Sharing Application

React Native, Expo, TypeScript, Firebase

- Developed a full stack native application for file storage and sharing
- Configured Firebase for secure authentication and a database for users to read and write files to
- Constructed a flat database to optimize performance when reading and sharing files

Chirp | Educational Website, Hackathon Entry

React, TypeScript, Firebase

- Assembled a website alongside a team to simplify learning sorting algorithms for computer science students
- Designed interactive exercises to engage and teach students of all ages and experience
- Prioritized user interface design and engineering to optimize user experience (UI/UX)

SKILLS AND ACHIEVEMENTS

- **Languages:** Python, TypeScript, JavaScript, Java, HTML/CSS
- **Technologies:** Git, React, React Native, Firebase, Expo, Node.js
- **Dean's List:** All semesters
- **HenHacks Hackathon 2023:** 2nd place winner out of 150+ participants