

Daniel DeFlores

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EDUCATION

University of Delaware

August 2021- May 2025

Bachelor of Science in Computer Science

- GPA: 3.64/4.0
- Dean's List all semesters
- 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

January 2024

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
- Prioritized user interface design and engineering to optimize user experience (UI/UX)

StudyBuddy | File Sharing Application

September 2023

React Native, Expo, TypeScript, Firebase

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

Chirp | Educational Website, Hackathon Entry

April 2023

React, TypeScript, Firebase

- Collaborated on the development of Chirp, an interactive educational game focused on teaching sorting algorithms to computer science students
- Placed 2nd in HenHacks Hackathon 2023, hosted by the University of Delaware, out of 150+ participants
- Deployed a minimum viable product in under 24 hours, demonstrating ability to work effectively under time constraints and pressure

WORK EXPERIENCE

Perks Cafe

Point Pleasant Beach, NJ

Waiter

June 2020 – Present

- Delivered exceptional customer service in a fast-paced environment, while maintaining organization
- Trained new employees in daily task requirements and interpersonal skills

Busser

June 2017 – June 2020

- Provided hundreds of customers with assistance in a time-efficient and friendly manner
- Communicated effectively with all servers to aid them at peak business hours

SKILLS

- Languages: Python, TypeScript, JavaScript, Java, HTML/CSS
- Technologies: Git, React, React Native, Firebase, Expo