Daniel DeFlores

dan.deflores@gmail.com | danieldeflores.netlify.app | github.com/ddeflores

Education

University of Delaware – Bachelor of Science in Computer Science   Class of May 2025
- GPA: 3.7/4.0

Experience

Full-stack Software Engineer, Capital Technology Group   May 2025 – Present
- Implemented and maintained **RESTful APIs** in SpringBoot, enabling seamless data exchange between frontend and backend systems
- Integrated a secure **OAuth 2.0 PKCE authentication flow**, strengthening application security and ensuring compliance with modern identity standards
- Built reusable **React** and **React Native** components and screens, improving usability and consistency across web and mobile applications
- Partnered with teammates through **agile ceremonies** and code reviews to accelerate sprint velocity and maintain high code quality
- Wrote comprehensive **unit tests** across frontend and backend codebases, achieving over **85%** test coverage

Full-stack Software Engineer Intern, Capital Technology Group   June 2024 – August 2024
- Architected a scalable web application for analyzing government contract protest decisions alongside a team of engineers using React, TypeScript, Java Spring Boot, and Python
- Developed RESTful APIs and developed an intuitive UI for data visualization, including win/loss analysis and graphs
- Integrated Elasticsearch, PostgreSQL, and AWS to store and retrieve over **800,000** PDF documents
- Containerized Python scripts with **Docker** and used **Kubernetes** to continuously fetch new PDFs

Manager, Perks Cafe   June 2024 – August 2024
- Instructed and mentored 25 employees in daily tasks and in developing interpersonal skills
- Handled over **$7,000** of daily revenue and daily income of over **$1,000** for all employees
- Oversaw inventory and coordinated with suppliers to ensure consistent stock levels and minimize shortages
- Resolved conflicts and addressed staff concerns to maintain a positive and collaborative work environment

Projects

Chirp   github.com/eorev/Chirp
- Secured **2nd place** for best beginner category out of over **150** participants in the 2023 HenHacks Hackathon, hosted by the University of Delaware
- Built a full-stack web application with React to teach sorting algorithms to computer science students
- Published a functional product judged on implementation, design, and quality of concept in under 24 hours

FoodFinder   github.com/ddeflores/Food-Finder
- Engineered a **scalable**, full-stack mobile application for tracking foods and fitness goals using Expo**,** React Native, and Firebase
- Created a binary classifier model with Python, TensorFlow, and Keras to categorize images as food or nonfood, achieving over **90% accuracy** on validation data
- Implemented the OpenAI computer vision API to further classify food images and estimate calorie counts

Skills

Languages: TypeScript, Java, JavaScript, Python, SQL, HTML, CSS
Technologies: Git, React, React Native, Spring Boot, Docker