WILLIAM PEREZ

Anaheim, CA · 714-305-7406 · william.23@dartmouth.edu
linkedin.com/in/williamperez23/ · williamperez.me · github.com/willperez23

EDUCATION

Dartmouth College, Hanover, NH   **June 2023**
Bachelor of Arts in Computer Science with Minors in Human-Centered Design & Latin American and Caribbean
Relevant Coursework: *Smartphone Programming, Full-Stack Web Development, Algorithms, Discrete Mathematics*
Honors/Awards: Hispanic Scholarship Fund Scholar, Citation for Academic Excellence in Object Oriented Programming

SKILLS & CERTIFICATIONS

Computer: Python, Java, JavaScript, React, C, XML, CSS, HTML, MongoDB, Figma, Adobe XD, Android Studio
Technical: Full-Stack Web Development, Object-Oriented Programming, Software Design/Implementation
Languages: Fluent in Spanish and English

PROJECTS

Foster Feed Friends – *Full Stack Web Development*   **June 2021**
An online website dedicated to connecting foster children with resources and mentors as they age out of the foster care system
- Bridged an Express and MongoDB API server with our React front-end for authentication and data collection
- Mobilized the Bootstrap front-end library with our own SCSS components to create a polished UI for the platform
- Integrated the TalkJS API into the platform to offer in-site messaging between foster youth and mentors

GreekNav – *Mobile Front-End*   **March 2021**
An Android app creating a space of communication and transparency for those interested in Greek life at Dartmouth
- Contributed 7000+ lines of code in Java and XML to implement the front-end and UI aspects of the app
- Collaborated in a group of three using Android Studio and GitHub to integrate a real-time Firebase database backend
- Compiled data from Dartmouth's Office of Greek Life to upload into our database of information to render on the platform

RELEVANT EXPERIENCE

Digital Applied Learning and Innovation (DALI) Lab, Hanover NH   **March 2021 – Present**
Product Designer
- Analyze competing markets and synthesize user interviews to develop user personas and a versatile user experience
- Spearhead the front-end designs on Figma using a developer's mindset targeting platform specific user needs
- Adapt and iterate wireframes using technological restrictions from the team's developers and user framework restrictions
- Advocate for user needs when discussing design decisions with project partners and project team

Dartmouth College Computer Science Department, Hanover, NH   **January 2021 – March 2021**
Teaching Assistant for COSC 001: Introduction to Computer Science
- Lead small group supplemental instruction, created with TA inputs, using white board coding
- Mentored students about the Computer Science major at Dartmouth with one-on-one discussions, and extra tutoring session
- De-bugged students code by talking through the problem and using print statements to localize, then solve the issue

BeepBoop, New York City, NY   **June 2020 – August 2020**
UI/UX Design Intern - Team Lead
- Simplified student onboarding user flow by consolidating the database of classes into a single screen leading to a 200% increase in student bookings
- Created a mobile application prototype with over 100 fully functioning screens using Figma for MVP development and investment pitches

Anaheim Public Utilities, Anaheim, CA   **June 2019 – August 2019**
Integrated Resources Intern
- Designed map graphics for Solar for Schools Request for Proposals to install solar panels at three local elementary schools
- Consolidated city data points on over 30 electric charging stations using Excel to estimate the number of charged vehicles for APU records and annual report

LEADERSHIP

Sigma Nu, Delta Beta Chapter – Hanover, NH   **February 2021 – October 2021**
Rush Chair
- Schedule meetings with our National Representative and Chapter executives to discuss our rush progress, process, and goals
- Executed interactive and engaging rush events with potential new members to introduce them to the brotherhood
- Fostered an intimate and open environment between the three rush chairs to optimize the rush experience for everyone