WILLIAM PEREZ

Anaheim, CA · 714-305-7406 · william.23@dartmouth.edu

linkedin.com/in/williamperez23/ · www.williamperez.me/ · github.com/willperez23

EDUCATION

Dartmouth College, Hanover, NH   June 2023
Bachelor of Arts in Computer Science modified with Human Centered Design   GPA: 3.59
Minor: Latin American and Caribbean Studies
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
Organizations: Society of Hispanic Professional Engineers (SHPE), First Generation Student Enrichment Program (FYSEP)

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 – Team of Six   *Full Stack Web Development*
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 – Team of Three   *Mobile Front-End*
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

MongoDB, New York City, NY   June 2022 – August 2022
Product Design Intern
- Identify users pain points through user interview data synthesis for an internal log viewing tool used by over 60+ engineers
- Advocate for user needs regarding design decisions, optimizing companywide product use and productivity
- Prototype on Figma 2 versions of final product for development using company UI libraries with 8 custom built components

Digital Applied Learning and Innovation (DALI) Lab, Hanover, NH   March 2021 – Present
Product Designer + Mentor
- Mentor 2 designers in weekly 1:1 meetings to teach design methodology and troubleshoot roadblocks
- Collaborate with rotating team to promptly deliver product sin 10-week design sprints on 3 different projects
- Spearhead project design development, inter-team discussions, user interviews and testing, prototyping and partner communication

Dartmouth College Computer Science Department, Hanover, NH   January 2021 – March 2021
Teaching Assistant for COSC 001: Introduction to Computer Science
- Led 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, (REMOTE) New York City, NY   June 2020 – August 2020
UI/UX Design Intern
- Simplified student onboarding user flow by consolidating the database of classes into a single screen leading to a 200% increase in student bookings
- Prototyped the student and teacher onboarding flow to be used for mobile development and investment pitches
- Liaised between product design team and CEO to launch MVP currently used by roughly 600 BeepBoop students

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