WILLIAM PEREZ

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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

RELEVANT EXPERIENCE

MongoDB, New York City, NY — June 2022 – August 2022
Product Design Intern
- Determine and assess key performance indicators tied to company yearly goals for project development
- Create and maintain comprehensive project documentation through research plans and briefs with input from team leads
- Identify users pain points through user interview data synthesis for an internal tool used by over 60+ engineers
- Advocate for user needs regarding design decisions, optimizing companywide product use and engineering productivity
- Present final prototyped deliverables to various stakeholders for quarterly planning and engineering approval

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 digital product in 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 010: Object Oriented Programming
- Led small group supplemental instruction, created with TA inputs, using white board coding
- 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 lesson sign up screens leading to a 200% increase in bookings
- Liaised between product design team and CEO to launch MVP currently used by roughly 600 BeepBoop students

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

LEADERSHIP

Sigma Nu, Delta Beta Chapter – Hanover, NH — February 2021 – October 2021
Recruitment Chair
- Scheduled meetings with our national representative and chapter executives to discuss our rush progress, process, and goals
- Pitched an inclusive and community oriented Greek organization through engaging conversation and interactive events