

NAOMI PEREZ

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EDUCATION

University of Maryland

Bachelor's of Science in Computer Science

College Park, MD

8/2017-5/2021

Relevant Coursework: Object Oriented Programming, Data Structures, Algorithms, SPA Development with JavaScript, Mobile Development (Android), Computer and Network Security, Concurrent Software

TECHNICAL SKILLS

- **Languages:** JavaScript, Java, HTML5 and CSS3, Python
- **Back End:** Node.js, Express.js, PostgreSQL, Firebase, Heroku
- **Frameworks/libraries:** React.js, React Native, Gatsby.js, GraphQL, Jest, JUnit
- **Source Code Management:** git, GitHub, GitLab

EXPERIENCE

USC Information Science Institute (AI Group under Dr. Yolanda Gil)

Los Angeles, CA

Web Developer Consultant

7/2021-Present

- Designing responsive and easily discoverable websites, and refactoring websites, for clients

Data Engineer Intern

5/2019 – 8/2019

- Developed ETL process to extend open-source knowledge base, Wikidata, with large public datasets
- Optimized Python app for use in ETL process via integration testing and resolving errors found

Ontology Research Intern

5/2018 – 8/2018

- Gathered requirements for and developed semantic webpages, knowledge graphs, and wikis that allow neuroimaging consortium to efficiently query data of 25,000 subjects and 1,400 scientists

Deep Brain Neurotech Lab, University of Maryland

College Park, MD

Peer Mentor and Research Intern

8/2017 - 1/2019

- Programmed biologically accurate models of neurons used in simulations of neuronal networks
- Presented research to head neurologists of UMD Medical Center
- Improved accuracy of deep-brain imaging in UMMC Neurology lab under Dr. Cha-Min Tang
- Lead and onboarded 40+ new students as Peer Mentor

**Offered Summer 2020 Software Engineering Internship at AT&T; internship cancelled due to COVID-19*

PROJECTS

MyWikiViz

7/2021 - Present

- Uses Notion (productivity/notes app) API to let users easily visualize and navigate their Notion wikis
- Authenticates users with OAuth 2.0 and generates animated data structure of personal wiki with D3.js

ADDmoodTracker

6/2021 - Present

- Utilizing React Native with Expo to develop mobile app that allows users to track mood over time
- Allows persistent authentication and cloud-based data storage with Firebase Auth and Firestore
- Generates visualizations of personalized mood data insights with Victory Native

Mafia43

11/2020

- Developed mobile app with a remote team that acts as a virtual moderator for the Mafia party game
- Implemented responsive UI from mockups and game logic in Kotlin with Android Studio and SDK

ORGANIZATIONS

Girls Who Code (GWC) & Association of Women in Computing

7/2016 – Present

- Mentored and created curriculum for ~40 young women in CS principles as Girls Who Code Club TA
- Graduated from GWC Summer Immersion Program in 2016 and built game in Python as final project
- Awarded two scholarships to attend oSTEM 2020 and Grace Hopper 2020 Conferences

Lean On Me Mental Health Text Line – *Shift Lead*

7/2020 – 5/2021

- Provided texting support, trained new members, and managed shift schedule and communication