Abi Lopez

Learner, Engineer, Community Leader, Powerful Woman

abieiden@stanford.edu

(310) 667-2580

https://abieiden.github.io/abilopez/bio.html

EDUCATION

Stanford University, Stanford— BS & MS in *Electrical Engineering, Minor in Human Rights*

SEPT 2018 - JUNE 2022

Questbridge Scholar, matched to Stanford with a Full Ride Scholarship.
Edison Scholar, recipient of $40k STEM Scholarship.
Hispanic Scholarship Fund Scholar

EXPERIENCE

The Washington Post, Washington, D.C.- *Software Engineer*

JUNE 2021 - AUGUST 2021

Worked as an engineer in the Publishing Tools team to develop new features and maintain the primary application that journalists use daily to write their stories. Modified and refactored the code base using modern React.js features.

The Stanford Daily Tech Team, Stanford -*Programmer*

SEPT 2020 - PRESENT

I develop new page layouts and features for The Daily's website frontend, which is built in Next.js. Working closely with journalists, we improve the user experience for hundreds of readers. Recipient of The Stanford Daily Winter and Spring Opportunity Fellowship which provides me a stipend to work part-time for the Tech Team.

Stanford in Government, Stanford — *Co-Director of Policy Dinners & TA of POLISCI 76 & POLISCI 74*

APRIL 2019 - JUNE 2021

Organized two speaker series classes, where we invited a total of 20 amazing speakers to talk about their career in Public Service and describe some of the key intellectual issues and current policy challenges they navigate. Successfully led a fundraising effort of $16,500 with 20 other organizations to bring Opal Tometi, Black Lives Matter co-founder, and Blair Imani, founder of Equality for HER, to campus.

Immigration Institute of the Bay Area, Remote-*Legal Assistant*

JUNE 2020 - AUGUST 2020

Provided assistance to 6 lawyers with U Visa, VAWA, RFE declarations, completed 2/3 declarations per week, about 10-20 pages. Worked on DACA renewals, short research projects, and translated hundreds of legal documents. Worked daily with clients, scheduling appointments, answering legal questions, and completing declarations.

HARD SKILLS

Front End Programming: HTML/CSS, Javascript, React

Programming Languages: C/C ++, Python, Matlab, SQL, MIT App Inventor, Ionic

Hardware: CNC Machine, Verisurf, Soldering, Circuitry, Welding

SOFT SKILLS

Self Motivated

Leadership

Project Management

Interpersonal Skills

Adaptability

CERTIFICATIONS

Solidworks Associates Certification

Autodesk Inventor & Autocad Certified User

NIMS (National Institute for Metalworking Skills) Certification

Mechanical Engineering Design Technician Certificate 3D Modeling & CNC Machining

Electrical Engineering Technician Certificate Fundamental understanding of circuitry

Engineering Design Technology Certificate 3D Modeling Product Development

LANGUAGES

Spanish - Native (Reading, Writing, Speaking)
French - Intermediate (Reading, Writing, Speaking)