

Edgar Lopez

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EDUCATION

UCLA

B.S. COMPUTER SCIENCE

Expected June 2020

GPA: 3.42

LINKS

edgineer.me

github.com/edgineer

linkedin.com/in/elopez42

COURSEWORK

Data Structures

Algorithms

Software Engineering

Programming Languages

Scalable Web Services

Web Applications

Databases

Computer Networks

Operating Systems

Computer Organization

Computer Architecture

Discrete Structures

Differential Equations

Linear Algebra

SKILLS

Languages

Python • C++ • C • MySQL

Español • JavaScript • HTML/CSS

Frameworks/Technologies

Git • Linux • MongoDB • JIRA

Node.JS • Docker • React • Scrum

EXPERIENCE

ADOBE | FULL STACK WEB DEVELOPER INTERN

June 2019 – September 2019

- I assisted in improving Adobe Stock's SEO presence and web rankings by creating site Landing Pages using React, Styled-Components, and JavaScript.
- I was fully integrated in the software engineering SCRUM cycle participating in Stand-ups, sprint planning and grooming.

NASA JET PROPULSION LABORATORY | SOFTWARE ENGINEERING INTERN

June 2018 – August 2018

- Contributed to SatStressGUI, a Python program capable of modeling stress plots of moons
- Corrected critical bugs and enhanced the UI
- Performed refactoring and optimized stress calculations, incorporated encapsulation and modularization
- Collaborated with partner to ensure correctness of the model's calculations

THE BROAD CENTER | INFORMATION SYSTEMS ASSOCIATE

June 2017 – August 2017

- Designed and developed databases and learning management systems
- Created functions for storage and collection onto databases using PHP, SQL, and REST APIs
- Eliminated 5-7 hours of recurring weekly tasks through automated tasks

PROJECTS

TECHQUERIA OPEN SOURCE CONTRIBUTOR | HUGO STATIC SITE techqueria.org

- Techqueria is a non-profit representing one of the largest communities for Latinx professionals in the tech industry
- Contributed to their open source website by providing content updates

LOS ANGELES PARKING HELPER | NATIVE APP (IN PROGRESS)

- Uses OpenLA Data and User's GPS location to inform about nearby issued parking citations.
- Technologies: Node.js, MongoDB, Python, REST, Git, React Native

GLIA | WEB DEVELOPMENT

gliaapp.com

- Developed the backend of a gratitude journal that has users write down one thing they're grateful for every day
- Technologies: Node.js, Express, REST API, MongoDB, Git

ORGANIZATIONS AND HONORS

2017 - 2019 Code2040 Fellows Finalist

2018 California Institute of Technology, Undergrad Research Fellow

2015 - 2019 UCLA Center for Excellence in Engineering Diversity (CEED)

2015 - 2019 Society of Latino Engineers and Scientist (SOLES)