Edgar Lopez

elopez42@ucla.edu | 562.443.1770

EDUCATION

UCLA
B.S. Computer Science
Expected June 2020
Cum. GPA: 3.41

LINKS

edgineer.me
github.com/edgineer
linkedin.com/in/elopez42

COURSEWORK

Data Structures
Algorithms
Software Engineering
Programming Languages

Web Applications
Databases
Computer Networks
Operating Systems
Computer Organization
Computer Architecture
Discrete Structures
Differential Equations
Linear Algebra
Statistics

SKILLS

Languages
Python • C++ • C • MySQL • Español
JavaScript • Java • HTML/CSS

Frameworks/Technologies
Git • Linux • MongoDB • JIRA
Node.JS • Docker • React • Scrum

EXPERIENCE

ADOBE | Full Stack Web Services Developer Intern
June 2019 – September 2019
- New member of Adobe Stock's Growth and Site team. I'll be working towards improving Adobe Stock's online presence as well as implementing new features to assist customers in easily finding desired content.

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 managementsystems
- Created functions for storage and collection onto databases using PHP, SQL, and RESTAPIs
- Eliminated 5-7 hours of recurring weekly tasks through automated tasks

PROJECTS

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

HONORS

2018	California Institute of Technology, Undergrad Research Fellow
2017 - 2019	Code2040 Fellows Finalist
2015 - 2019	UCLA Achievement Scholar

ORGANIZATIONS

2015 - 2018	UCLA Center for Excellence in Engineering Diversity (CEED)
2015 - 2018	Society of Latino Engineers and Scientist (SOLES)
2012 - 2018	Mathematics Engineering Science Achievement (MESA)