

Aliff Macapinlac

Software Developer

Offering experience in customizing solutions with services offered in the full stack web development space, from ideation, testing, to production.



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EDUCATION

B.S. Data Science UC San Diego

08/2016 - Present

Courses

- Advanced Data Structures and Object Oriented Design: C, C++, Java
- Algorithm Design
- Data Analytics at Scale
- Data Mining/Machine Learning
- Interaction Design
- Data Visualization
- Data Management
- Linux, shell scripting
- Human/Computer Interaction Programming

WORK EXPERIENCE

Sr. Software Engineer NewRocket

11/2021 - Present

San Diego

Going beyond to create resilient, connected, and transformed enterprises where people matter and employees thrive

Achievements/Tasks

- Deliver customized solutions for clients' unique needs while leveraging ServiceNow platform
- Integrations into ServiceNow platform i.e. REST, workday, Client Software Distribution - SCCM, Workplace, Galaxy, Archer, Metdata Hub, JIRA

Teaching Assistant Trilogy Education Services

11/2019 - Present

Curriculum Taught

- Web Development: HTML, CSS, Javascript, jQuery, Handlebars, Reactjs, Nodejs, Express, MySQL, MongoDB, git, basic computer science
- Data Analytics and Visualization: VBA, Python, D3js, SQL, Charting, Statistics, Data Cleaning and Mining

SKILLS

Java Javascript Nodejs PHP
C Linux Vagrant Reactjs
Python SQL NoSQL banking
angularjs machine learning
MS Suite Servicenow

PERSONAL PROJECTS

Creative Blue Media

- Software Services and Content Management

Truth on Inequality

- A critical analysis on today's state of equity in America

Airbnb price predictor

- Uses NLP and clustering in modeling algorithm

CoderXDevelopment

- Coding School and Curriculum to inspire individuals to learn how to code

ORGANIZATIONS

UC San Diego Frequency - Acapella
(09/2018 - Present)

INTERESTS

Composing Music Coding
Reading Figuring out how things work
stocks crypto currency
blockchain web3.0

WORK EXPERIENCE

Javascript Developer

LabFocus

09/2017 - 01/2020

Software is PaaS called SmartLabFlow, which is software to optimize the flow of commercial testing labs, from admin through operations

Work/Achievements

- With a team, built a fully functional API with 99.999% uptime. Integrated digital ocean API to allow creating instances on demand through an Angularjs built frontend.
- Created test suite with protractorjs following a provided acceptance criteria

UG Researcher

UC San Diego Design Lab

09/2016 - 09/2017

Work/Achievements

- Worked on managing Interaction Design course offered on Coursera by UCSD Professor Scott Klemmer. My responsibilities included the set up of google ad words to explore advantages offered in increasing number of impressions and click throughs. Other responsibilities included managing and creating content of Coursera course and responding to the needs of students taking the course online.
- Worked on crowdsourcing web app to engage 'citizen scientist' to contribute knowledge to the understanding of our gut microbiome