JULIAN EDWARD REYES

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FULL STACK WEB DEVELOPER

Software Development | Computer Engineering | Computer Programming

Recent UC-Davis graduate, with a degree in neurobiology and computer science, seeking full-time position in full stack software development, chemistry, biology, biotech, or a related field.

SELECTED HIGHLIGHTS

- ❖ Expertise in programming languages JavaScript, Python, C#, C, PHP
- ❖ Experience in full-stack web development
- ❖ Experience in machine learning techniques and algorithms and have experience using TensorFlow
- ❖ Knowledgeable in databases SQL, MySQL, MongoDB
- ❖ Experienced in full stack development using Node.js, Express, JavaScript, HTML, CSS, databases, Wordpress, server hosting
- ❖ Knowledgeable in front end web design and implementation using modern, sleek up-to-date UI and UX best practices
- ❖ Familiarity working with JavaScript frameworks such as React.js and JQuery

CORE COMPETENCIES

- Full Stack Software Development
- React / React.JS / Angular.JS
- AWS Devops
- RESTful Routing
- Google Cloud
- Mass Spectrometry
- Node.JS / Express / JQuery
- Java / Javascript
- API req/res
- Spring / Java
- WordPress
- Liquid Chromatography
- C / Python
- HTML / CSS / SCSS
- Databases (SQL, MongoDB)
- XML / JSON etc.
- Git / Repositories
- Gas Chromatography

PROFESSIONAL EXPERIENCE

Helix | San Diego, CA | August 2021 - Current
Clinical Lab Technician

- Perform specimen processing and accessioning.
- Perform Automated RNA extraction.
- Perform PCR-based genetic testing in accordance with standard operating procedures.
- Perform routine housekeeping functions according to departmental standard operating Procedures.
- Preventive maintenance of laboratory equipment
- Quality testing of reagent shipments
- Review, update and revise Standard Operating Procedures.
- Careful and accurate documentation of work.

Coastal Analytical | San Diego, CA | February 2021 – August 2021
Analytical Chemistry Lab Technician

- Prepare and run tests for heavy metals, mycotoxins, microbes, pesticides, and solvents of agriculture-based consumer products in accordance with state regulations
- Setup, prepare, troubleshoot, and run Gas Chromatography Mass Spectroscopy, Liquid Chromatography Mass Spectroscopy, HPLC, Atomic Absorption Spectroscopy, and PCR analytical chemistry equipment and methods
- Determine the structure, composition, and nature of substances by examining and identifying their various elements or compounds via chemical analysis
- Conduct analytical analysis of specified samples using the appropriate analytical instruments, collect, and analyze the data using the scientific data analysis method, document the results, and work with partners to resolve the technical challenges and issues
- Study the relationship and interactions among the parts of compounds
- Develop new methods of analysis and new techniques
- Assist with quality control and quality assurance practices
- Data processing and analysis using statistical methods
- Develop, write, and update Standard Operating Procedures as needed
- Manage lab safety and industrial hygiene aspects, including waste disposal procedures

Self-Employed Contractor | San Diego, CA | June 2020 - Current
Web Designer, Full Stack Developer, & Advertising/Marketing Management
- Responsible for creating websites from the ground up including design, wireframes, implementation, web hosting, domain name management, and any other web programming functionalities

Unearth Campaigns | Sacramento, CA | October 2019 – June 2020
Full Stack Web Developer
- Full stack developer for Unearth Campaigns, a political campaigns outreach company.
- Responsible for backend and front-end web development for creating and maintaining websites for the contracted clients.
- Designed and implemented front end websites using modern, sleek designs with up-to-date UI and UX standards
- Acquired and hosted domains on secure server networks
- Most common programming languages include PHP, JavaScript, mysql, HTML, and CSS implemented on WordPress.

EDUCATION

University of California – Davis, Davis, CA: 2020
Bachelor of Science – Neurobiology, Physiology, and Behavior
Minor – Computer Science
- Relevant Coursework: Bioinformatics, Web Development, Data Structures, Algorithms, Discrete Mathematics, Statistics, Calculus, Video Game Development, Programming Languages, Genetics & Gene Expression, Organic Chemistry, Biochemistry, Neurobiology & Physiology, Exercise Physiology

UC DAVIS ACTIVITIES

- **University of California – Davis, Davis, CA: 2020**
- Clubs/Activities: Neurobiology, Physiology, and Behavior Club, CALPIRG project leader, Student Startup Center collaborator
- Relevant Projects: Multiple Fully Functional Websites using API and Databases, Genetic Sequencing Programs, Machine Learning Programs for Genetics and Predictive Statistical Analysis, Various Interactive Interface Visualizations using D3, Video Game Development, Various Novel Programming Applications

Certifications or Additional Education:
  - *AWS DevOps Course*
  - *Web Developer Bootcamp*

DETAILED REFERENCES AVAILABLE ON REQUEST