

JULIAN EDWARD REYES

13709 Chestnut Ct., San Diego, CA 92130

Phone: 858.243.7162 | Email: julian.edward.reyes@gmail.com | Site: julian-reyes.github.io

BIOTHERAPEUTIC DRUG DEVELOPMENT/CLINICAL/ANALYTICAL CHEMISTRY

Software Development | Computer Engineering

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

PROFESSIONAL EXPERIENCE

Pfizer | San Diego, CA | November 2021 - Current

Protein Purification Scientist

- Support for the BioMedicine Design Biotherapeutics Discovery Group responsible for discovering biotherapeutic drug candidates for Pfizer in La Jolla
- Perform protein purification via FPLC and analytics to produce biotherapeutic leads, protein reagents, immunogens, and panning reagents
- Preparation of solutions and medias from protocols
- Routine lab and equipment maintenance
- Simple equipment maintenance following established protocols
- Support scientific staff in routine laboratory activities
- Support for expression team such as cell harvesting and DNA plasmid preparation
- QC analysis on finalized purified protein constructs

Helix | San Diego, CA | August 2021 – November 2021

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 / Microbiology Analyst

- Prepare and run tests to examine content of heavy metals, mycotoxins, microbes, pesticides, potency, water activity, 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, qPCR, and gel electrophoresis PCR

- 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
- Develop, write, and update Standard Operating Procedures as needed

Self-Employed Web Engineer 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, Genetics & Gene Expression, Organic Chemistry, Biochemistry, Neurobiology, Physiology, Animal Behavior, Exercise Physiology, Web Development, Data Structures, Algorithms, Discrete Mathematics, Statistics, Calculus, Video Game Development, Programming Languages

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

DETAILED REFERENCES AVAILABLE ON REQUEST