JULIAN E. REYES

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COMPUTER SCIENCE | WEB DEVELOPMENT | BIOINFORMATICS

Machine Learning | Biological Science | Data Analytics

Dedicated, motivated bilingual Bioinformatician highly regarded progressive, diverse experience in computer programming, information processing, machine learning, and life sciences. Proven track record of delivering streamlined custom software solutions to meet complex business requirements in competitive markets. Respected as a motivational, influential, and detail-oriented leader and collaborator who guides team members in achieving on-time, budget-conscious project completion while exceeding all expectations. Builds and maintains productive professional relationships with colleagues and clients, driving business objectives through a people-focused approach. Exceptional academic qualifications include a Bachelor of Science in Neurobiology, Physiology, and Behavior and a Minor in Computer Science from the University of California – Davis. Out-of-the-box thinker committed to implementing continuous process improvements to enable growth.

SELECTED HIGHLIGHTS

- Created a language learning application and website at *UC Davis*, leveraging expertise with Python, C, C#, Javascript, HTML, and CSS.
- Implemented the ability to save user-input flashcards into a database and functional login abilities using commercial servers to host the website; integrated the Google Translate API to translate desired words.
- Collaborated with a 5-member team to create a sports arcade video game; the game boasted contemporary retro-style aesthetics, gameplay, and game feel, as well as competitive multiplayer compatibility and was developed using Unity.
- Collaborated with 3 automobile mechanics throughout operations at *Davisville Express Lube*; completed basic maintenance including oil changes and brake checks, enabling senior mechanics to focus on more complex issues, increasing productivity.
- Leveraged outstanding interpersonal and communication skills to provide unparalleled customer service; greeted and checked in customers and managed billing.

CORE COMPETENCIES

Computer Science	Biology	Bioinformatics
Computer Programming	Web Design	Interactive Visualization
Data Analysis	Machine Learning	Information Processing
Organic Chemistry	Statistics	Project Management
Communication & Collaboration	Team Leadership	Process Improvement

EDUCATION

University of California – Davis, Davis, CA: 2019
Bachelor of Science – Neurobiology, Physiology, and Behavior
Minor – Computer Science

- Relevant Coursework: Bioinformatics, Genetics, Gene Expression, Organic Chemistry, Calculus, Statistics, Algorithms, Data Structures, Neurobiology & Physiology, Web Development
- Clubs/Activities: Neurobiology, Physiology, and Behavior Club, CALPIRG project leader, Student Startup Center collaborator
- Relevant Projects: Multiple fully functional extensive websites, genetic sequencing programs, machine learning programs for genetics and predictive statistical analysis

Certifications or Additional Education:
Advanced Web Developer Bootcamp Certification
Machine Learning Certification

PROJECTS

Heart Disease Interactive Visualization | University of California, Davis | 2019
- Spearheaded the analysis of Heart Disease data in individuals age 30-69 using Statistical Analysis Methods and Statistical Algorithmic Functions; potentially a powerful tool for health care professionals to analyze health disease trends in various demographics of individuals via thorough analysis and detailed reporting.

Innovative New Music App/Website: *Co-Sign* | University of California, Davis | 2019
- Currently responsible for full-stack software engineering of a new startup website/app
- *Due to potentially sensitive information, please contact me personally for more information, thank you*

Cutting Edge Eco Friendly Food Waste Solutions Startup | University of California, Davis | 2019
- Currently responsible for front end web development
- *Due to potentially sensitive information, please contact me personally for more information, thank you*

Language Learning Application | University of California, Davis | 2019
- Created a fully functional language learning application and website for ECS162, Web Development, leveraging expertise with HTML, JavaScript, and CSS.
- Implemented the ability to save user-input flashcards into a database with a functional secure login page using commercial servers to host the website; integrated the Google Translate API to translate desired words and used React to restructure the DOM on input.

Created My Own Video Game: 2D Rocket League | University of California, Davis | 2019
- Collaborated with a 5-member team to create a retro-style sports arcade video game; the game boasted contemporary retro-style aesthetics, gameplay, and game feel, as well as competitive multiplayer compatibility and was developed using Unity and Visual Studio.

Lyft Ride Share Data interactive Visualization | University of California, Davis | 2019
- Led a team of 3 to analyze Lyft ride-sharing data, using statistical methods with D3 for ECS 163, Interactive Visualizations.

Twitter Sports Betting App | Independent Project | 2018
- Created a custom application, which analyzed data from the Twitter API and calculated the odds of sports outcomes; leveraged expertise with tensor flow and Visual Studio to develop the application.

PROFESSIONAL EXPERIENCE

Julian's Auto Detailing | Davis, CA | July 2019
Owner
- Started my own Automotive Detailing Company in Davis, CA
- Still in its early stages, we are focusing on marketing, outreach, and online presence currently
- Working with Search Engine Optimization companies to assist in marketing and outreach
- Domain name JuliansAutoDetail.com has been purchased and is waiting on DNS server migration management

Davisville Express Lube | Davis, CA | 2018
Auto Mechanic
- Collaborated with 3 mechanics throughout daily operations; completed basic car maintenance including oil changes and brake checks, enabling senior mechanics to focus on more complex issues, increasing productivity.
- Leveraged outstanding interpersonal and communication skills to provide unparalleled customer service; greeted and checked in customers and managed billing while maintaining customer satisfaction.

Luis's Painting | Phoenix, AZ | 2015
Professional Indoor House Painter
- Worked with a team of up to 6 painters and occasionally provided support as a painter's assistant, helping to maximize team productivity and efficiency.
- Employed best practices and technical expertise to complete painting operations ahead of schedule.

- Liaised and interacted with 4+ clients each week, ensuring execution matched their preferences and exceeded their expectations; maintained consistent customer satisfaction while working six days a week.

Rancho Peñasquitos Basketball Association | San Diego, CA | 2010 – 2014
Youth Basketball Referee
- Officiated 4-6 youth basketball games each weekend, employing technical knowledge to ensure accurate calls.
- Operated the scoreboard at basketball games while collaborating with 2 or more other referees at a time.

ADDITIONAL CREDENTIALS

TECHNICAL SKILLS	Microsoft Office (Word, Excel, PowerPoint) / C / C# / Python / HTML / CSS / JavaScript / Unity / SQL / SQLite / Bootstrap / React / Welding
LANGUAGES	English / Spanish
VOLUNTEERISM	Helen Woodward Animal Center / Key Club / California Public Research Interest Group
INTERESTS	Cycling, Golf, Sports, Camping, Hiking, Reading, Guitar, Cars, Racing, Video Games

DETAILED REFERENCES AVAILABLE ON REQUEST