Edwin Espinoza

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Professional Summary
- Bilingual full stack developer with experience building RESTful applications with Java, Javascript, Nodejs, Bootstrap, Passport, C++, C#, and .NET, including database support using MongoDB and SQL.
- Additional experience with tools including: Python(Numpy, Pandas, Matplotlib and SciKit-learn), Linux and PHP

Education
Humboldt State University - Arcata, CA, 2020
- B.S. Computer Science and Applied Mathematics Minor with Honors
- Overall GPA: 3.69, Major GPA: 3.94

Accomplishments
Co-authored Characteristics of light: Velocity, massless energy, and special relativity **with Dr. Richard Sauherber Published in Elsevier**
- Created the images and collected data on lights interactions with gravity. Used data to create charts recording light and its angle of reflection.

Undergraduate Research with Dr. Alexander Perez-Pons
- Funded by the National Science Foundation, the team collected data to determine if a program was malicious or benign in the first 1000 milliseconds of execution. Created two device drivers that would collect data from the Linux kernel about a process such as time running, memory access and memory usage. Utilized Emacs, Bash Scripting, Python, GNU make, and C.

Coding Club
- Established the Hawk coding club at Zane Middle School in Eureka, CA to teach students programming skills including HTML, CSS, Javascript and object-oriented programming. Program resulted in a grant for additional devices.

Work History
DataBrickRoad, 03/2020 to Present
- Assisted in the development of a Software as a Service (SaaS) solution using C#, SQL and .NET.
- Responsible identifying and fixing bugs in C# using Git, BitBucket, Azure, Atlassian and Jira for Software engineering, Product Management and Dev-ops clients.

General Tutor, 08/2018 to 06/2020
Humboldt State University – Arcata, CA
- Helped students achieve their learning goals and many students increased their grades by up to 20%. I worked with 10 students or more through the whole school.
- Held and planned structured meetings with coworkers to create and plan a science, technology, art, engineering, mathematics summer 2020 program with over 40 Students participating.

Computer Science Tutor, 01/2019 to 06/2020
Humboldt State University – Arcata, CA– Arcata, CA
- Helped university students with their assignments and explained concepts in SQL, PHP, HTML, CSS Linux.

Math Tutor, 06/2016 to 08/2018
Palomar Community College District – San Marcos, CA
- I worked with students and tutored in Calculus I, Calculus II, Statistics and Trigonometry.

References

Dr. Richard Sauerheber: Co-worker, Tutor, Researcher, Ph.D. Chemistry from University of CA, San Diego

Dr. Alexander Perez-Pons: Instructor, NSF Research Mentor, Florida International University

Rose Sita Francia: Supervisor, M.A. in Educational Leadership, TRIO Talent Search Director and Collaboration Lead

Mike Bolanos: Co-founder of Databrickroad