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Juan Valencia

www.juan-valencia.com

Objective: To find a company where I can apply my knowledge and passion to create software that will impact peoples lives in meaningful ways, while continuing to grow.

Education

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|---|---|--------------------------------|
| Nacogdoches, Tx | Stephen F. Austin State University | June 2016-December 2018 |
| <ul style="list-style-type: none">• Major: Computer Science, B.S. (in-major GPA: 3.667)• Minor: Information Technology• Relevant Coursework: Data Structures, Algorithm Analysis, Operating Systems, Database Management Systems | | |

Employment

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|---|--------------------------------|--------------------------|
| Mobile Software Developer, Intern | Elliott Electric Supply | June 2018-Current |
| Internal Mobile Applications <ul style="list-style-type: none">• Increased performance of current cross platform mobile apps by converting previously existing web forms into enhanced native views to support sales employees• Created custom components to be used throughout other applications increasing the productivity of others• Provided quality control and assurance through unit tests, bug fixes and code reviews.• Managed several APIs to optimize the data flow for users in rural or low connectivity zones.• <u>Leveraged Knowledge</u> in Mobile Development using Team Foundation Server, iOS and Android, .NET APIs, C# using Visual Studio, and Team Development using Agile Methodologies. | | |

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| Teaching Assistant | Stephen F. Austin State University | August 2017-May 2018 |
| Computer Science Department TA <ul style="list-style-type: none">• Graded Assignments for students and assisted in determining cases of Academic Dishonesty.• Used various scripts in Python for automating grading and file management.• Provided helpful feedback for students that were struggling and assisted tutors in determining key problems with assignments. | | |

Software Projects

Personal Website: www.juan-valencia.com (for additional information and projects)

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| Driving Jacks Designated Ride Sharing App | Spring 2018-Current |
| <ul style="list-style-type: none">– Designed and Developed a cross platform iOS and Android application using Xamarin.Forms that allows users to easily request rides from our on campus free ride student organization.– Designed and Implemented RESTful backend server enabling communication between Driving Jacks and Users that were intoxicated or incapable of transportation.– <u>Utilized:</u> C#, Git, Express.js, Local Persistent Data, Caching, Cloud Storage, MongoDB | |
| Driving Jacks Internal Infrastructure | Spring 2018-Current |
| <ul style="list-style-type: none">– Designed and Developed a digital approach to the record keeping and organization responsibilities of our on-campus student led ride sharing organization.– Connected the internal infrastructure with the RESTful backed server to allow communication between driving jacks students and mobile app users.– <u>Utilized:</u> JavaScript, Git, Node.js, Electron, Express.js, MongoDB | |

Skills

Software: (*proficient*): Python, C#, C++, Java, Git, Unix, .NET, SQL, Xamarin (*familiar*): Swift, C, Julia, JavaScript, Matlab, R
Data-Analysis: Python, Pandas, scikit-learn, NumPy, SymPy, Matplotlib, Machine Learning, Web-scraping
Other Skills: Fluent in Spanish, Familiar with Adobe products, Agile Software Development