TRAVIS CAMPOS

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Education

University of California, Los Angeles   **June 2021**
B.S. Computer Science
GPA: 3.73 / 4.00

Relevant Coursework: Software Engineering, Operating System Principles, Programming Languages, Data Structures and Algorithms, Computer Network Fundamentals, Compiler Construction, Computer Systems Architecture, Database Systems, Web Applications

Software Engineering

Computer Operating Systems: Windows, Mac OS, Linux / Unix
Mobile Operating Systems: iOS, Android OS
Shell Scripting: Bash, PowerShell
Web Frameworks: [UI/UX]: React, Angular, Bootstrap **[Node.js]:** Express **[Python]:** Django, Flask
Software Containers: Docker, Kubernetes

Data Science

Cloud Computing: Amazon Web Services, Microsoft Azure, Google Cloud Platform
Big Data: Apache Spark, Apache Hadoop
Data Visualization: Tableau, Microsoft Power BI, Google Data Studio
Database Systems: [SQL]: Microsoft SQL Server, MySQL **[NoSQL]:** MongoDB
AI/ML: TensorFlow, PyTorch, Amazon Redshift, Amazon EMR, NumPy, SciPy, Pandas

Programming Languages

Software Engineering: C, C#, C++, Java
Data Science: Python, R, SQL
Web Development: [Front-End]: HTML, CSS, JavaScript **[Back-End]:** PHP
Mobile Development: [iOS]: Swift **[Android]:** Kotlin

Work Experience

Mobilitie – Software Engineer | Irvine   **(June 2019 – September 2019)**
- Developed Mobilitie mTRAC Web Application, with remote hosting on Amazon Web Services, using Oracle Database, Amazon S3 File Storage, and Amazon EC2 instances.
- Created fiber optic network mapping platform for Mobilitie cloud data center services in Silicon Valley, using ArcGIS JavaScript API documentation.
- Extended automatic data transfer from OSP Insight SQL Server Database to mTRAC Oracle Database, using OneVizion Python API documentation.

Computer Science Projects

Stock Market Technical Analysis Calculator [Python]   **University of California, Los Angeles**
- Desktop Application created with real-time US Stock Market Data to provide the User with a Technical Analysis Calculator Rating of a Stock ranging from Strong Sell, Sell, Hold, Buy, and Strong Buy.

Square Jump Game [Python]   **University of California, Los Angeles**
- Square Jump Game available for download on Desktop for both Mac OS and Windows, including UI/UX vector art designed in Adobe Illustrator.

Statistics Data Simulation [Java]   **University of California, Los Angeles**
- Statistics data simulation on the probability mass functions of hyper geometric random variables using Java computer science random number generation to prove the expected value of results.