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# TRAVIS CAMPOS

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## Education

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University of California, Los Angeles

June 2021

**B.S. Mathematics of Computation** (Computer Science and Applied Mathematics)

GPA: 3.65 / 4.00

**Relevant Coursework:** Software Engineering, Operating System Principles, Programming Languages, Data Structures and Algorithms, Computer Network Fundamentals, Scalable Internet Services, Computer Systems Architecture, Database Systems, Web Applications

## Software Engineering

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**Web Frameworks:** React, Angular, Vue

**Cloud Computing:** Amazon Web Services, Microsoft Azure, Google Cloud Platform

**Scalability:** [Containers]: Docker, Kubernetes [Caching]: Redis, Memcached

**DevOps:** [Version Control]: Git [Unit Testing]: Jest [Load Testing]: Locust [CI/CD]: GitLab [Agile]: Scrum

**Database Systems:** [SQL]: MySQL, SQL Server [NoSQL]: MongoDB

## Programming Languages

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**Software Engineering:** C, C++

**Data Science:** Python, R, SQL

**Web Development:** [Frontend]: HTML, CSS, JavaScript [Backend]: Java, Go, Ruby, C#, PHP

**Mobile Development:** [iOS]: Swift [Android]: Kotlin [Hybrid]: React Native

## Work Experience

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**Mobilitie – 5G / IoT Analyst Intern** | Irvine

(June 2019 – September 2019)

- Created infographic-based White Paper on 5G and IoT, predicting and analyzing the total addressable market of next generation telecom technologies.
- Analyzed the emerging trends of major US mobile carriers like Verizon, AT&T, and T-Mobile to recommend investment strategies for telecom infrastructure companies.

**Mobilitie – Software Engineer Intern** | Irvine

(June 2020 – September 2020)

- Developed Mobilitie mTRAC Web Application, with cloud architecture on Amazon Web Services, using Oracle Database, Amazon S3 Object Storage, and Amazon EC2 instances with Elastic Load Balancers.
- Integrated ArcGIS mapping platform to Mobilitie mTRAC Web Application, using ArcGIS API documentation to query PostgreSQL database.

## Computer Science Projects

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**Markdown Designer**

University of California, Los Angeles

- Web Application for storing high-quality styled documents in the cloud, deployed to Amazon Web Services and built Frontend through Backend with MongoDB, Express, Angular, and Node.js.

**Crypto Visual**

University of California, Los Angeles

- Mobile Application built for tracking and monitoring cryptocurrency markets and exchanges, created using React Native along with Swift and Kotlin, available for download on both iOS and Android.

**Stock Market Calculator**

University of California, Los Angeles

- Desktop Application created with US Stock Market Data to evaluate the Technical Analysis Rating of a Stock ranging from Strong Sell, Sell, Hold, Buy, and Strong Buy, available for download on Windows and macOS.

## GitHub

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**GitHub Profile:** <https://github.com/TravisCampos>

**GitHub Pages Website:** <https://traviscampos.github.io>