Joshua Anderson

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EDUCATION

Chapman University, Schmid College of Science and Technology, Orange, CA

Master's of Science in Computational and Data Sciences — **Dec. 2021**

Bachelor's of Science in Computer Science
Double Minor in Analytics & Game Development Programming — **May 2020**

RELEVANT COURSEWORK

Completed:
In Progress: Computational Economics, Applied Methods in Mathematics

LANGUAGES & SOFTWARE

Experienced: R, Python, SQL, Java/Android
Familiar: C++, React.js, C#
Software: Unix, Git, Docker, Android Studio, 3DS Max, Unity, Unreal 4, Visual Studio, MS Office

EXPERIENCE

CISOSHARE — **Mar. 2019 - Aug. 2019**
Applications Development & Vulnerability Analyst Intern - San Juan Capistrano, CA

- Apply cybersecurity concepts such as security architecture & disaster recovery
- Build and debug a web application using the javascript library, React
- Interface with NoSQL databases with a web application using RethinkDB

Machine Learning Assistive Technology (MLAT) Lab — **Feb. 2019 - May 2019**
Virtual and Augmented Reality Research, Chapman University - Orange, CA

- Research interactive games to create AT for users on the autism spectrum
- Create a multiplayer baseball simulation game to assist in social interaction
- Develop and debug networking and data tracking features for the baseball simulation

Ingram Micro — **Jun. 2018 - Aug. 2018**
Data Analytics Intern, Internal Audit - Irvine, CA

- Create and run a SQL query to accurately and efficiently acquire data
- Output tables containing exceptions or significant values through queries
- Fully automate analytics project by configuring project on a server-based application

PROJECTS

Rosetta Stone Case Study, *R* — **Mar. 2020 - May 2020**
A case study that involved accessing and cleaning user data directly from Rosetta Stone Inc., assessing business goals, creating an analytic plan, and with the result in a developed analysis in R using K-Proto clustering and data aggregation

Stanford MSA Database, *R* — **Oct. 2019 - Dec. 2019**
An in depth analysis of mass shootings in America from 1966 to 2016. This project implements three machine learning algorithms: ElasticNet, RandomForest, and K-Means Clustering to find significant factors that affect the number of victims in a given mass shooting

TrueVine, *Android (Java & Kotlin)* — **Jan. 2018 - Dec. 2018**
Chatroom app based off of the Rocket.Chat project that connects to the user's personal google calendar to allow for a more organized communication and event planning.

LEADERSHIP

Data Analytics Association — **Nov. 2019 - Present**
President & Internal VP - Chapman University, Orange, CA

- Organize Internal events such as homework help & career development
- Research & organize guest speakers competitions for the club to compete
- Meet with the executive board to make decisions and plan club meetings

InterVarsity Christian Fellowship — **Nov. 2016 - May 2020**
Large Group Coordinator - Chapman University, Orange, CA

- Solely responsible for running weekly large group meetings and running the team
- Serve on the musical worship team as a guitarist and worship leader
- Set aside one-on-one time to invest in freshmen and new students