Jacob Tran

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EDUCATION:

University of Colorado Boulder | May 2019

- Bachelor of Science, Computer Science
- Major GPA: 3.56
- GoldShirt Scholarship
- Cumulative GPA: 3.11

WORK EXPERIENCE:

LineageOS | Branch Manager   *November 2017 – January 2018*

- Automated the compilation process for LineageOS' operating system as the main branch developed alongside Vanilla Android.

TECHNICAL SKILLS:

- **Languages:** C++, Python, Java, MySQL, MongoDB, Cassandra, JavaScript, NodeJS, PHP, HTML/CSS, Bash, Matlab, Scala, Hadoop
- **Software Tools:** GitHub/Git, AWS, Tableau, Bootstrap, Slack, Heroku, Travis CI, Spring Framework
- **IDE/Text Editors:** IntelliJ, Vim, Nano, Visual Studio, Anaconda/Jupyter Notebook

PROJECTS:

Northrop Gruman Neural Network Project   *September 2018 – May 2019*
Project for Senior Capstone (Python, PyTorch, Keras)

- Analyzed various deep learning models to identify and detect moving objects in videos. We will compare the accuracy and efficiency of modern models and give recommendations on recursive neural networks object identification and detection.

"PlayerKnown's Battlegrounds"   *January 2018 – May 2018*
Project for Data Mining Course (Python, Jupyter Notebook) github.com/jatr6994/csci4502

- Data mined the popular video game, PlayerUnknown's Battlegrounds. As a group, we mined data that pertained to helping users survive longer, manage weapons and plan initial drop/final circle locations.
- "Big Data" where we mined information from one million data points, statistics and clustering.

RELEVANT COURSEWORK:

- Data Structures (C++)
- Object-Oriented Analysis and Design (Java)
- Introduction to Data Science (Python)
- Programming Workshop (C++)
- Algorithms (Python)
- Introduction to Artificial Intelligence (Python)
- Data Mining (Python)
- Database Systems (SQL/NoSQL)