

Jacob Tran

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EDUCATION:

University of Colorado Boulder | May 2019

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

LineageOS | Branch Maintenance

November 2017 – January 2018

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

Northrop Grumman 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.
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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)