Thomas Le

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PROJECT EXPERIENCE

Twitter Movie Success Predictor **September 2019**
- Interfaced with Twitter API and python libraries to identify, collect, and validate data from Twitter
- Wrote and debugged python scripts in order to aggregate data for streamlined data pipelines
- Used Linear Regression, RandomForest, and XGBoost to analyze data to facilitate data driven decision making
- Use of Github with Unix shell to run commands and organize code base

Chicago Ride Hailing Service Visualization **September 2019**
- Cleaned, normalized, and formatted database with Python pandas library to pipeline data processing
- Worked with Calculated Fields, Dual-Axis Maps, and Filters in Tableau to present data most effectively
- Developed simple, visually appealing interactive visualizations with Tableau to identify key business levers

Wuxiaworld Reader Engagement Analysis **August 2019**
- Utilized web scraping with BeautifulSoup and Selenium to extract and create database of user data
- Identified and implemented analyses to translate data and results into actionable learnings
- Created visualizations with matplotlib to optimize publication schedules and summarize key insights

WORK EXPERIENCE

Eaton **May 2017 – August 2017**
Product Development Engineering Intern *Los Angeles, CA*
- Maintain security and confidentiality of all protected design schemata
- Developed experimental programs, analyzed test data, and reported changes in current qual models
- Collaborate with manufacturing, marketing, and suppliers to develop designs and resolve issues

United Airlines **January 2017 – May 2017**
Product Engineering Intern *San Francisco, CA*
- Communicated written and verbal analysis on interiors projects to manufacturing and supplier teams
- Review, evaluate, and troubleshoot technical issues on Airbus and Boeing aircraft
- Investigate and resolve non-conformances in customer issues and needs

EDUCATION

University of Texas at Austin **December 2018**
Bachelor of Science, Mechanical Engineering

SKILLS & INTERESTS

- **Skills:** Python, SQL, pandas, matplotlib, Jupyter Notebook, scikit-learn, Tableau, Data Analytics, MS Office, strong interpersonal and communication skills, multi-task oriented, fast learner, adaptable
- **Interests:** Slacklining, Fantasy Novels, Backpacking, Standup Comedy, Fitness