

CHARLEE STEFANSKI

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EDUCATION

University of Michigan - School of Information - Class of 2020

Ann Arbor, MI

Bachelor of Science in Information, Data Analysis

GPA: 3.5/4.0; University Honors: Fall 2017, Winter 2018, Fall 2018, Fall 2019

SKILLS

Data Analysis, Data Visualizations, Machine Learning

Python, C++, R, HTML, CSS, JavaScript/jQuery, Pandas, Matplotlib, Seaborn, Scikit-learn, TensorFlow, Apache Beam, Spark, SQL

Excel, Power BI, Tableau

EXPERIENCE

Lumiata - Data Science Intern

San Mateo, CA (Remote)

June 2020 - Present

- Designing Apache Beam pipelines on Google Dataflow used to support large-scale machine learning models, reduced runtime by 50%
- Responsible for managing pipeline steps including data extraction (using SQL), preprocessing and generating TFRecords
- Presenting in weekly discussion about recently published papers on topics such as encoder-decoder models, BERT, deep learning and neural networks

KLA - Cyber Security Technical Intern

Ann Arbor, MI

January 2020 - April 2020

- Leveraged a variety of analytic techniques to identify patterns and outliers throughout several datasets collected from KLA's internal environment (Snowflake and Tableau)
- Presented findings to inform the development of plan to target high risk vulnerabilities for closure and risk reduction
- Wrote and implemented Python scripts for Splunk data capture and dashboard display
- Developed dynamic Power BI dashboard for CISO to have continuously updated visualizations of external scan data from Security Scorecard

TIBCO Software - UX Developer Intern

Palo Alto, CA

June 2019 - August 2019

- Implemented new visual designs for UX Team's pattern library to improve the tool for company-wide use
- Collaborated with intern team to develop guidelines for accessible design and development, presented steps for making all future products WCAG 2.0 Level A compliant to UX team
- Designed wireframes to improve existing TIBCO products, used UserTesting to research usability of new designs, presented to Product Managers and implemented feedback

ESO Fund - Data Analyst Intern

San Mateo, CA

June 2017 - August 2017

- Researched equity compensation at startups based on company value and employee position
- Designed and created responsive online survey to estimate appropriate equity compensation
- Scraped company data for all startups raising \$10 million or more from LinkedIn for ESO Fund database

PROJECTS

Unemployment Tracker (Senior Capstone Project)

August 2019 - May 2020

- Leveraged over 20,000 unemployment claims recorded in the company database to perform in-depth data analysis and present insights with supporting visualizations
- Used machine learning to build a predictive model to empower Michigan startup, Unemployment Tracker, to predict results of unemployment claims with an 80% accuracy rate

Expedia Hotel Recommendations - Kaggle Competition Entry

Fall 2019

- Used data provided by Expedia to predict hotel type cluster based on user search input
- Final model accuracy was consistent with top 10 entries

EDUC 490

Fall 2019

- Led series of interactive classes on media literacy and information privacy at local public middle school

UNDERGRADUATE ACTIVITIES

BSI Mentor

Fall 2019 – Spring 2020

Michigan Best Buddies - Peer Buddy

Fall 2017 – Winter 2019

Michigan Ski Club

Fall 2016 – Spring 2020

OTHER WORK EXPERIENCE

Johnny Was - Sales Associate

June 2018 – August 2018