

Trung Le

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EDUCATION

UCLA, Anderson School of Management

Master of Science, Business Analytics (MSBA)

Los Angeles, CA

Expected December 2023

- **Courses:** Optimization, Machine Learning for Decision Making, Customer Analytics
- Business Analytics Association, Digital Analytics Association

University of Utah, School of Computing

Bachelor of Science, Computer Science

Salt Lake City, UT

May 2018

- **Courses:** Machine Learning, Data Mining, NLP, Artificial Intelligence, Databases
- Vietnamese American Student Association, ACM

TECHNICAL SKILLS

Analytics: SQL, R, Python (pandas, numpy, scikit-learn, NLTK, seaborn), **D3.js, Oracle, NoSQL**

Software: Excel, Hadoop, Tableau, PowerBI, AWS, TensorFlow, Adobe Analytics

Software Development: JavaScript (nodeJS, reactJS, expressJS), Java (Spring), C# (Azure), Nginx, Jenkins

EXPERIENCE

Software Engineer Lead

Salt Lake City, UT

University Connected Learning

June 2018 - July 2022

- Lead software development and architected software solutions used by multiple higher education institutions to improve pedagogy by identifying key metrics, weaknesses, and strengths of curriculum.
- Met with stakeholders, acted as contact point for leadership, and directed and assigned bi-weekly sprint tasks to a team of four.
- Architected Outcomes Visualizer, a full stack custom data visualization built using NodeJS, D3.js, and Oracle to allow for transparency across curriculum outcomes. Platform used by multiple institutions to align their learning outcomes to adhere to accreditation.

Software Engineering Intern

Salt Lake City, UT

Legrand North America

Summer 2017

- Developed a RESTful API Cloud platform using C# on Azure to allow IoT devices to store and retrieve configuration files, currently used enterprise wide leading to expansion of market domains.
- Worked with cloud engineers to build CI/CD DevOps pipeline to ensure continuous integration of platforms.

Software Quality Engineering Intern

Salt Lake City, UT

Vantage Controls

Summer 2016

- Used Selenium, TestNG and the QTium Framework to develop a testing suite of over 500 test cases. Improved run time from four hours to one hour enabling compatibility with CI/CD pipelines.

DATA ANALYTICS PROJECTS & CHALLENGES

Twitter Spam Bot Classifier: Implemented various ML algorithms such as C4.5 Bagged Forests to classify Twitter spam accounts leading to a 94% accuracy.

MelodySmith, melodysmith.herokuapp.com: Music composition application that uses ML & NLP concepts to learn artist styles and attempts to create an original piece based on training corpus.

ADDITIONAL

- **Organizer** - HackTheU, hacktheu.org: Organized the largest hackathon in Utah. Worked with sponsors, mentored participants, and judged submissions.
- **Teaching Assistant in Mathematics** - Graded assignments and exams for Differential Equations, Discrete Math, Calculus and College Algebra. Lead TA office hours and provided feedback to students and assisted faculty in delivering course content and material.