

Adrienne Wang

4704948694|[LinkedIn](#)| [GitHub](#)|[E-mail](#)| 14608 Snapdragon Circle, North Potomac, MD 20878

EDUCATION

The University of Chicago

Chicago, IL

Master of Science in Analytics (GPA: 4.0/4.0)

Expected, June 2021

Relevant Coursework: Data Mining, Data Engineering Platforms, Time Series, Linear & Non-linear Models, Machine Learning, Reinforcement Learning

Emory University

Atlanta, GA

Bachelor of Science in Quantitative Science (Major GPA: 3.9/4.0) and Chemistry (Double-Major)

May 2019

SKILLS

Proficient in Python, R, SQL, MongoDB, Tableau, Neo4j, PowerBI, Linux, English and Chinese (fluent).

PROJECT

Plant Seedling Segmentation with Image Processing

July - Aug 2020

[GitHub](#) Automated the process of crop weed detections to reduce labor costs and improve yield.

- Effectively trained 5000 images and built a supervised multi-label classifier using CNN and various Machine Learning models on Softmax layer and predicted 12 unique plant seedlings species automatically.
- Model with 93.05% accuracy was selected and passed validation test of Google keyword searched images.

INTERNSHIPS & JOBS

PartsSource

Remote

Asset Prediction Project Intern

Oct 2020 - June 2021

The project aims to help unlock a major new revenue stream that could drive significant growth over the next 5+ years.

- Develop an information architecture that provides a logical view of the datasets with a routine design to accept datasets and automate client-ready analysis in a real-time method.
- Build a data cleaning pipeline to normalize client asset registries with NLP.
- Build predictive models for capital planning recommendations and optimizing website search function.

Deloitte

Beijing, China

Project Intern – Analytics and Information Management

Nov 2019 – Feb 2020

- Conducted competitive benchmark research in HR and automotive industries.
- Worked directly with a Partner on business development by assisting with business pitches.
- Developed a BI talent review dashboard that displays the overview and drilled-in analysis of talent, recruitment and retention. It also used simulated employee structure to predict cost and revenue and gave budget deficiency warning leading to a 22% increase in HR budget.

COCOCOZY

NYC, NY

Digital Marketing Intern

Jun - Aug 2019

- Collected influencers' information with web-scraping techniques (beautiful soup in Python and Twitter API) in a reliable manner to create the brand partner list.

Marketing Analytics Center at Emory Goizueta Business School

Atlanta, GA

Analyst

May 2018 – May 2019

- Completed project management for a sports team including scheduling, tracking, and prioritizing features.
- Conducted social media text analysis to provide content suggestion to the Digital Marketing team

Dr. Patricia Bauer Memory Development Lab

Atlanta, GA

Research Assistant

Jan 2018 - May 2019

- Identified and rectified data quality issues (mislabelled, missing, outdated data) in psychological research methods.
- Produced statistical analyses and visualizations in R and SPSS to report scientific experiment findings.

Emory University School of Medicine

Atlanta, GA

Emory Pipeline Collaborative (EPiC) Mentor

Jan 2016 – May 2019

- Mentored public school students weekly on college preparation and prepared them for entry into Health professions.