Eric Chen

ec2437@gmail.com | 214.875.1456

EDUCATION

UT AUSTIN
Masters in Computer Science
Fall 2019-Spring 2021
Cum. GPA: 3.67 / 4.0

UT DALLAS
BS in Electrical Engineering
Graduated Spring 2017
McDermott Scholar
Cum. GPA: 3.92 / 4.0

LINKS

Github:// **EZBUTD**
LinkedIn:// **eric-chen-b43b5576**

COURSEWORK

GRADUATE
Deep Learning

UNDERGRADUATE
Probability and Statistics
Signals and Systems
World Resources and Development

SKILLS

PROFICIENT
Python • Tableau • Hive
SQL • Jenkins
PyTorch • Alteryx

FAMILIAR
Spark • C • Matlab

INTERESTS

Board game design
Go (Wei qi)
Japanese (N4)
Sustainability
Racquetball

EXPERIENCE

VERIZON | Leadership Development Rotational Program
Summer 2017-Current | NYC, Dallas, Charlotte

Contributor to multiple teams within Verizon, with a focus on data analytics/science.

Project lead for the development of a LSTM network to reduce OLT card outages in the network. Built a successful POC utilizing 6 months of historical data for 5,000 cards. Laid foundation for bringing model into production.

Facilitated an application migration from Verizon to Yahoo/Verizon Media's infrastructure. Established data/capacity requirements, worked with privacy and risk teams for clearance.

Built Tableau reports to track forecasted capacity, network KPI's, and project status for RF design and System Performance teams.

Identified key bugs in how capacity offload was calculated in the forecasting system, correcting the priority for more than $3 million dollars worth of solutions.

Built a Django web form to integrate feedback and comments into tableau reports/map tools, enabling simple feedback from users.

PROJECTS AND LEADERSHIP

SUPERTUXKART AI
Fall 2019
Final 1 month long project for UT's Deep Learning course, worked on a team of 4. Trained a race kart AI to play ice hockey using vision + hand crafted policy. Placed 2nd in a class tournament.

VERIZON RECENT HIRES HACKATHON
Summer 2019
Worked on a team of 3 to develop a binary classification model that predicted whether a customer would contact a call center. Placed 1st.

UT DALLAS SENIOR DESIGN | Sponsored by Rockwell Collins
Fall 2016-Spring 2017
Worked on a team of 6 to design a POC device to enable secure communications between tablets through a MSP-DSP interface. Primary coder for the team, writing a state machine that handled communications.

REACHING AND INSPIRING STUDENT ENGINEERS | President
Fall 2014-Spring 2017
Coordinated free educational science events/activities with local elementary schools, showcasing material from UT Dallas's labs. Engaged over 5,000 students over 3 years.

MISSOURI S&T RESEARCH ASSISTANT
Summer 2014
Worked with **Prof Jonathan Kimball** to improve the runtime of a hidden markov model used in finding individual appliance patterns within a household's total power consumption.

AWARDS

2019   Verizon Hackathon, 1st place
2017   UT Dallas Senior Design, 3rd place
2013   Eugene McDermott Scholar, Full Scholarship Program