

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

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

WORK EXPERIENCE

VERIZON | LEADERSHIP DEVELOPMENT ROTATIONAL PROGRAM

Summer 2017-Current | NYC, Dallas, Charlotte

- Contributor to multiple teams throughout my rotations within Verizon, with a focus on data science and analytics.
- Built Tableau reports to track forecasted capacity, network KPI highlights, and project status for use by RF design and System Performance teams. Set up workflows to automate away tedious reporting tasks. Reports published received 8,000+ total views annually.
- Identified key bugs in how capacity offload was calculated in our forecasting system, correcting the build priorities for more than \$3 million dollars worth of solutions.
- Project lead for a predictive model used in reducing equipment outages in the network. Worked with 2 developers to build a 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 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 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. Engaged over 5,000 students over 3 years.

AWARDS AND VOLUNTEER WORK

- 2019 Verizon Recent Hires Hackathon, 1st place
- 2019 Verizon Robotics Camp Teacher for Middle School
- 2018 High School Math Tutor for Trinity River Mission
- 2017 UT Dallas Senior Design, 3rd place
- 2014 REU Research Assistant at Missouri S&T
- 2013 Eugene McDermott Scholar, Full Scholarship Program