

RYAN WELLS

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EXPERIENCE

Texas A&M University · *Undergraduate Research Assistant* · Aug. 2018 to Current · College Station, Tx
Researching Generative Adversarial Networks for real-time image dehazing for autonomous UAVs under Dr. Atlas Wang

JPMorgan Chase & Co. · *Software Engineering Intern* · June 2018 to Aug. 2018 · Houston, Tx
Built an impact analysis system on top of derivative trade and position feeds for analyzing flows and propagation within the data acquisition team

Saracen Capital, L.P. · *Data Science and Software Intern* · Dec. 2017 to Jan. 2018 · Houston, Tx
Aided portfolio management on data analysis, portfolio modelling, and automation for a hedge fund in Houston, Tx

Advorso LLC · *Software Engineer* · May 2017 to Aug. 2017 · Houston, Tx
Worked as a Software Consultant for multiple companies including Saracen Capital LP, Lift10 LLC, and CN Luxury Resorts, Inc

Hewlett Packard Enterprise · *Software Engineering Intern* · June 2016 to Aug. 2016 · Houston, Tx
- Built a high-performance Python web application for Project Managers to track bugs and issues on HPE servers
- Cut Bug report generation time by 98% from 2.5 hours to 2 minutes
- Increased efficiency of Issue delegation to engineers

EDUCATION

Texas A&M University · Spring 2020
B.S. Computer Science with Minor in Mathematics
GPA 3.7/4.0
Vice President of Aggie Artificial Intelligence Society and member of Texas A&M Computing Society, TAMUHack, and ACE Scholars

SKILLS

PROFICIENCIES: Python, C++, Java, JavaScript
WORKED IN: Haskell, Ruby, MATLAB
EXPERIENCE: Flask, Node.js, NumPy, TensorFlow, git, SQL, Sinatra
INTERESTS: Software Engineering, Machine Learning, Full Stack Development, Data Science

PROJECTS

CryptoInfer Nov. 2017 to Current
Real time sentiment analysis and market analytics for Cryptocurrencies

TamuScheduler Aug. 2017 to Current
TamuScheduler is a Web application built on the Sinatra Ruby framework created with two other peers for an Artificial Intelligence-based solution for scheduling classes each semester.

TamuBuses Sept. 2016 to Jan. 2017
Real-time bus tracking application written in Node.js and Express.js with over 150 users at Texas A&M giving students the ability to track when buses leave their stops to the nearest second making their transportation more efficient and staying on time for class.

UILPractice Aug. 2015 to May 2016
Production-ready web application written in Python with the Flask web framework. Users practice, receive feedback, improve UIL academic scores, track analytics over time, and compete in a friendly manner with leader-boards.

AWARDS

Eagle Scout
Highest attainable rank in Boy Scouts earned through skills, service, and leadership.

TAMUHack Finalist Oct. 2016
Placed in Top 10 out of over 100 teams with a YouTube searching Chrome Extension and 1st place from Quantlab LLC

CodeDay Houston, 1st Place Overall May 2015
Placed 1st with real time canvas web application, "KingOfTheSketch"