JEFFREY YU

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EDUCATION

The University of Texas at Austin Bachelor of Business Administration, Management Information Systems Spring 2022
Elements of Computing Certificate
Overall GPA: 3.95/4.00

Texas Academy of Math and Science Computer Science Track, 90 Hours Transferred Spring 2018
Overall GPA: 4.00/4.00

WORK EXPERIENCE

Hotplate, Inc. – *Software Engineering Intern;* Austin, TX Summer 2020
- Managed and designed Hotplate's Firebase console to update chef information, A/B test new features, and upload/edit JSON profiles
- Developed front end Hotplate host selection chef page and chef profiles using HTML and CSS to accommodate new chefs

Quake Capital Partners – *Junior Venture Associate;* Austin, TX Summer 2019
- Evaluated 350+ startups on the criteria of potential SAM, product traction, and team compatibility for the Fall 2019 investment cohort
Assisted 5+ Austin-based early-stage startups on an ad-hoc basis with financial forecasting/valuation, market analysis, and sell-side pitch books for exit strategies
- Created market sizing analyses and company comparable return sets to provide relative valuation insight to investors and partners
- Drafted presentation materials with C-level executives from startups to improve investor decks and develop sell-side exit opportunities

Mohammad Omary Lab – *Research Assistant*; Denton, TX Fall 2016 – Spring 2018
- Conducted research focusing on the synthesis of metal-free phosphorescent organic compounds to maximize efficiency in OLEDs
- Facilitated the designing and synthesizing of low-cost and eco-friendly organic phosphors with rapid fluorescence for lighting solutions

PROJECTS

Me, Myself, and I (Github: jefpotle/Instagram) Summer 2020
- An adaption of OpenAI's GPT-2 machine learning text generation model that uses Messenger HTML to curate convos with yourself
- Developed pre-processing script that inputs the user's name and cleans up Messenger HTML to be in readable format for GPT-2
- Updated generation output script to include feedback loop between user and AI user as new input as user has convo with the AI

Milk and Hotpockets (Github: jefpotle/MilkandHotPockets) Summer 2020
- Discord bot that automates Amazon Fresh grocery shopping and product availability notifications during the COVID-19 pandemic
- Utilized Multithreading to ping for product availability, await tasks/commands from user, and update grocery list simultaneously
- Created using Discord API to create custom commands and to make scalable for multiple users to add on multiple Discord servers

Basketball Reference Scraper (Github: jefpotle/BasketballReferenceScraper) Fall 2019
- Built customizable scraper to scrape NBA player data from *Basketball-Reference* to find arbitrage opportunities on player prop betting lines
- Constructed the scraper to collect 28 different stat lines for every player and returns calculated medians and averages of scraped data
- Generated $300+ from casually prop betting with friends by taking bets when scraper finds disparity between category median and line

EXTRACURRICULAR ACTIVITIES

Texas Undergraduate Computational Finance (UCF) – *Analyst* Fall 2019 – Present
- Manage a $15K portfolio through researching and learning about advanced stock, options, and futures quantitative trading strategies
- Pitched a trading strategy analyzing Google Trends search data to evaluate investor sentiment to predict future stock price movements

Strategic Capital Group – *Senior Analyst* Summer 2019 – Present
- Build investment theses to manage portfolio of $50K, and perform portfolio reviews with updated buy/hold/sell recommendations
- Responsible for weekly meetings of teaching 20+ members finance, accounting, and investing fundamentals through the AG curriculum
- Pitched short SMG; long GRUB, CARG, OKTA, FIZZ, FCFS, AVAV; and taught cannabis industry primer to 30+ internal member
- Created 13 financial models using DCF, public trading comparable, precedent transactions valuation techniques on various investments

United States Tennis Association (USTA) – *Superchamp Recruit* Fall 2013 – Summer 2018

HONORS

- University of Texas Stock Pitch Competition: 2nd Place (Sponsor: Point72) Spring 2019
- University of Texas McCombs Fall Case Competition: Finalist (Sponsor: PwC) Fall 2018
- University of Texas IEEE Robotathon Competition: 1st Place Fall 2018
- 2-Star Tennis Recruit Fall 2013 – Summer 2017

ADDITIONAL INFORMATION

Computer Skills: Proficient in Python, Java, HTML, CSS, Pandas; intermediate in Firebase, SQL, GPT-2; exposure to R Studio, JavaScript
Interests: Tennis, Ultimate Frisbee, Sports Betting, Skateboarding, Chipotle, Post Malone, Valorant, Super Smash Bros.
Work Eligibility: Eligible to work in the U.S. with no restrictions