JEFFREY YU

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TECHNICAL SKILLS

Programming Languages: Python, Java, C#, SQL, JavaScript, R, Batch, PowerShell
Tools and Frameworks: HTML, CSS, Bootstrap4, ASP, .NET, React, Django, Flask, Apache Maven, Selenium, beautifulsoup4, Informatica, DBeaver, Google Firebase, AWS, MongoDB, Azure DevOps, Git, Unix, Jupyter, Pandas, Numpy, Matplotlib, GPT-2, PIL

WORK EXPERIENCE

PepsiCo – *Software Development Intern;* Virtual   Summer 2021
- Created API Development Portal solution for organized API Management across 20+ PepsiCo Intake APIs utilizing Java and Maven
- Provided API Support to 20+ APIs by integrating dynamic documentation feature Swagger and designing Postman testing collections
- Supported development of custom DDH subscription leveraging tools including Informatica PowerCenter, Oracle SQL, and cloud DIH

Hotplate, Inc. – *Software Engineer 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

PROJECTS

Me, Myself, and I (Github: jefpotle/MeMyselfandI) – *Machine Learning Model*   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) – *Full-Stack Application*   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) – *Full-Stack Application*   Spring 2020
- 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) – *Computational 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 Strategic 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

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

EDUCATION

The University of Texas at Austin	Bachelor of Business Administration, Management Information Systems	Spring 2022
	Elements of Computing Certificate	
	Overall GPA: 3.96/4.00	

ADDITIONAL INFORMATION

Languages: Fluent in Mandarin Chinese
Interests: Tennis, Ultimate Frisbee, Sports Betting, Skateboarding, Chipotle, Post Malone
Work Eligibility: Eligible to work in the U.S. with no restrictions