TYLER J. PEZZA

WWW.LINKEDIN.COM/IN/TYLERPEZZA• (401) 829-7644 • TYLER_PEZZA@BROWN.EDU • HTTPS://TYYPEZZA.GITHUB.IO/

EDUCATION

Brown University – Providence, RI   **Anticipated Graduation: May 2026**
B.S. in Mathematical Finance | **B.A. in Computer Science | GPA: 3.92/4.0**
- **Relevant Finance Courses**: Corporate Finance, Investments, Financial Engineering, Financial Accounting, Behavioral Finance, Applied Econometrics, Statistics, Intermediate Micro/Macroeconomics, Business Management
- **Relevant Computer Science Courses**: Data Science, Machine Learning, Data Structures and Algorithms, Software Engineering, Foundations in AI, Discrete Structures and Probability, Linear Algebra, ODEs, PDEs

Phillips Exeter Academy - Exeter, NH   `   **September 2021 - June 2022**
Udemy - Excel: Financial Modeling and Valuation   **May 2024**
- Completed 20 hour online course focusing on advanced Excel skills and financial applications

WORK EXPERIENCE

Parkave Capital Group - *Software Development* | Remote   **June 2024 - August 2024**
- Performed data analysis using Python and Excel on 390 commercial real estate markets within the US and presented results of top markets
- Researched existing technologies and reported what potential tasks Parkave's clients could complete more efficiently with AI
- Delivered code for beginnings of 'ParkaveOS', incorporating OpenAI's API to allow users to upload and "talk" with pdfs

Amba - *Co-Founder | App Development and Business Strategy* | Remote   **April 2023 - Present**
- Creating an IOS app connecting businesses and influencers in a 'marketplace'
- Developing frontend screens in Xcode
- Performed industry and customer research as well as market and competitive analysis

Del's Lemonade – *Sales/Truck Driver* | North Kingstown, RI   **August 2020 - August 2024**
- Increased sales of lemonade by establishing new sales accounts and maintaining positive relationships with current customers
- Managed and organized inventory deliveries, and ensured stock was fresh and ready for customer consumption

Wickford on the Water – *Food Runner/Busser* | North Kingstown, RI   **June 2019 – August 2019**
- Ensured food orders were prepared and plated correctly; partnered with other staff to help as needed
- Coordinated timing of dishes and delivered them to appropriate tables, ensuring customer's food arrived as expected

PROJECTS

Del's Lemonade IOS Application   **August 2024 - Present**
- Developing an IOS app for Del's lemonade to provide more communication with customers
- Implemented a live map of truck locations which can be updated by employees through their specific account logins
- Designed fronted in XCode and implemented user authentication, notifications, and data storage with Google Firebase

Katronics Technologies   **June 2024**
- Delivered reusable code to greatly speed up quarterly summary of fulfilled quotes, replacing the previous manual summary
- Used pandas and python-docx libraries to break down quotes from Word documents into a dataframe, and then output desired summary of quotes to a easy to read Excel spreadsheet

Alpine Advisor   **November 2023 - December 2023**
- Worked in a team of 4 to design a website that could be used to rank ski resorts according to a user's preferences
- Wrote a ranking algorithm, allowing a user to set weights and values to different parameters to calculate their "best" resorts
- Used an API to find ski resort data, and then created an API through Java to pass data to the frontend

LEADERSHIP & COMMUNITY ENGAGEMENT EXPERIENCE

Brown University Varsity Football – NCAA Division I Student-Athlete | Providence, RI   **September 2022 - Present**
- Competing as a wide receiver on the Brown University Football Team
- Devote 25+ hours a week to: practice/training, film sessions, meetings, games, travel, and community service

Crossroads Rhode Island | Providence, RI   **June 2020 - August 2023**
- Volunteered in the preparing, assembly, and distribution of lunches to the underprivileged community
- Distributed lunches every Sunday during the summer with my church group

SKILLS & INTERESTS

- Java, Python (Pandas), C (Stata), Javascript/Typescript/React, HTML, CSS, SwiftUI/UIKit, Google Firebase, Matlab
- Frontend development, Mobile development
- Proficient in Excel, Word, PowerPoint
- **Interests:** Skiing, Surfing, Playing Guitar, Golfing, Hiking