Jacob Kanfer

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EDUCATION

B.S. in Computer Engineering   **Dec 2024**
University of Florida – H.W. College of Engineering   **3.4 GPA**
Certificates
Engineering Innovation, Engineering Leadership, Engineering Project Management, AWS Certified Cloud Practitioner

LEADERSHIP AND INVOLVEMENT

Chief of Staff to the Student Body President   **July 2023 – Present**
UF Student Government (Gainesville, FL)
- Direct the strategic allocation of the $23 million annual Student Government budget
- Lead operational and strategic planning for the 15 executive agencies
- Built and maintained an administrative framework to streamline decision-making and increase communication

College of Engineering Senator/Vice Chair of the Budget and Appropriations Committee   **January 2022 – Mar 2023**
UF Student Government (Gainesville, FL)
- Developed a Python constituency tracker for all active Senators that automated the approval and notification process that was previously manual
- Created a Python program to streamline the $23.2 million annual Student Government budget-creation process
- Authored key legislation and resolutions advocating for improvements to the student experience

WORK EXPERIENCE

Management Consulting Data Science Intern   **May 2024 – Aug 2024**
World Wide Technology (Gainesville, FL)
- Developed a clustering model framework to use with existing machine learning models, improving accuracy.
- Designed Snowflake tables and procedures to automate data processing workflows.
- Created dynamic PowerBI dashboards to present data insights, transforming complex data into actionable insights.

Store Manager / Lead Technician   **Jan 2022 – Nov 2023**
Campus Phone Repairs (Gainesville, FL)
- Hired, trained, and managed a team of 4 repair technicians fostering their development and performance
- Set monthly strategic objectives for areas of improvement and worked with the team to ensure success
- Developed my repair skills to include: iPhones, iPads, Macs, Android Phones & Tablets, and Windows computer systems

PERSONAL PROJECTS

Property Probe – Team Leader & Frontend Team Member   **June 2023**
- Ideated and initiated PropertyProbe, a specialized tool for analyzing pre-foreclosure properties in a Zillow-like format
- Utilized Angular to architect and develop the application's frontend, while integrating Cypress for unit testing
- Crafted a Python web scraping component to aggregate all real estate data to power the application's core functionality

UCF Decision Checker – Creator   **Nov 2019**
- Developed a web automation tool using JavaScript's Puppeteer to automatically log in to the UCF portal every 12 hours, check for updated admissions decisions, and text the results to the user
- Implemented Tesseract.js and OpenCV to apply Optical Character Recognition, capturing and interpreting on screen text

ADDITIONAL INFORMATION

Awards: Florida Blue Key Inducted Member**,** John Michael Stratton - Outstanding Student Senator

Technical Skills: Python, VHDL, C++, Matlab, Java, JavaScript, Angular, HTML, Microsoft Office, Snowflake, SQL