Jared Stefanowicz

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EDUCATION

Temple University – Philadelphia, PA   **May 2023**
Bachelor of Science in Computer Science and Statistics   Cumulative GPA: 3.60/4.00
• Chess Club Head of Public Relations and intercollegiate competitor
• Technology Analyst at Fox Student Investment Fund
• Vice President of Residence Hall Community Government

TECHNICAL SKILLS

Swift (UIKit, AppKit, SwiftUI), Objective-C, Python (Pandas, NumPy, Scikit Learn), Java, R, SQL, JavaScript (Node.js), SAS, Tableau

EMPLOYMENT EXPERIENCE

JPMorgan Chase & Co. | Data Science Intern | Wilmington, DE   **June 2022 – August 2022**
• Accelerated automated report generation by 450% by translating legacy code base to Python.
• Automated data dictionary generation of over 1,600 features from multiple vendors resulting in 40 hours of saved time.
• Informed housing policy recommendations using OLS models predicting city-level HPI for company-wide intern competition.

CompassRed | Data Science Intern | Wilmington, DE   **June 2021 – August 2021**
• Made client-facing production dashboard using Mode driving key customer insights for large healthcare startup.
• Presented analysis of social media insights and trends to multi-billion-dollar regional fast-food chain.
• Uncovered insights in client datasets using POS tagging, sentiment analysis, and topic modeling methods in Python and R.

Temple University | Research Assistant | Philadelphia, PA   **October 2020 – May 2023**
• Carried out state-of-the-art research in online product review manipulation and EEG disease biomarker identification.
• Classified 26,000 patients using Fourier transforms, clustering, feature generation, and text analysis on unstructured data.
• Wrote web scrapers, processed, cleaned, and produced large 50GB+ datasets for research-critical use.
• Conveyed discoveries at international management science conference.

Freelance | iOS Application Developer | Remote   **April 2016 – Present**
• Worked with multiple clients developing and designing complex iOS and macOS applications to provided specifications.
• Coded and designed 7 apps utilizing UIKit, Swift, Objective-C, Firebase, REST, system, and third-party APIs.
• Achieved over 100,000 downloads and featured in the Apple App Store's top 75 most popular apps.

PROJECTS

Peel | macOS Application
• Produced elegant, detachable menu bar icon application providing real-time MailChimp campaign metrics.

Student Voice | iOS Application
• Created social network encouraging social action in high school students through shared polls and auto-generated petitions.

Uno Engine | Python Simulation
• Implemented multi-threaded Uno card-game simulator for comparison of various statistical strategies.

AWARDS

Temple University Owl Hacks Hackathon | 1st Place, Data Science Track | Philadelphia, PA   **December 2020**
• Developed random forest regression model predicting bail amount based on charges and situational factors.
• Visualized Philly Bail Fund arrest data using Tableau, R, and Python.
• Studied trends in officer and arrest demographics using US Census Data.

LEADERSHIP & VOLUNTEER EXPERIENCE

Temple University College of Science | Teaching Assistant | Philadelphia, PA   **September 2020 – December 2020**
• Held office hours and responded to student questions for SCTC 1013 "Elements of Data Science for Life Sciences."

Temple University Owl Hacks Hackathon | Volunteer | Philadelphia, PA   **April 2019**
• Instructed attendees through hosting of iOS Development Workshop.
• Adjudicated competition and oversaw project evaluation.