MINA KY

Mukilteo, WA | (425) 375-8103 | minaky@stanford.edu | LinkedIn | Portfolio

EDUCATION

Stanford University   **Stanford, CA**
B.S. Computer Science, Minor in Data Science; GPA: 4.08/4.0   *Sep 2022 - Jun 2026*
Relevant Coursework: Programming Abstractions, Principles of Data Science, Linear Algebra
Kamiak High School   **Mukilteo, WA**
GPA: 4.3/4.0; Class Rank: 1/459, Valedictorian   *Sep 2018 - Jun 2022*

PROJECTS

College Admissions Predictor: Python, Pandas, Scikit-Learn, Plotly
- Implemented HistGradientBoostingRegressor and RandomForestRegressor models to predict university admission rates from College Scorecard API data. Created dot plot and choropleth map visualizations for university location and competitiveness. Developed Scikit-learn metrics-based tool to assist applicants in finding comparable colleges.

Weather App: JavaScript, CSS, HTML
- Developed an app enabling users to input city names and receive real-time temperature and weather conditions. Implemented OpenWeather API, city validation, error handling, and responsive design.

WORK EXPERIENCE

Connect Humanity   **Palo Alto, CA**
Investment Research Analyst   *Jun 2023 - Aug 2023*
- Curated investor portfolio for a new IDEA fund by leveraging comprehensive research on past contributors from similar firms using Prequin and GuideStar
- Compiled income, education, and health data for target Puerto Rico counties in potential ISP grantee's expansion plan, creating an Excel sheet utilized by the internal investment committee

Stanford Institute for Economic Policy Research (SIEPR)   **Stanford, CA**
Research Assistant   *Apr 2023 - Present*
- Constructing a database of granular short-term capital flows around the world under Dr. Chenzi Xu
- Organizing over 3,000 banking almanac scans of international balance sheets into Google Drive folders

Artemis Connection   **Mukilteo, WA**
Consulting Summer Analyst   *May 2022 - Jul 2022*
- Developed market sizing plan to scale student enrollment to 25M for educational technology company
- Created an Excel database of elementary state testing requirements to track underserved markets
- Produced draft materials for 2 market analysis pitch decks for the final client presentation

EXTRACURRICULAR ACTIVITIES

Stanford Finance   **Stanford, CA**
Chief Financial Officer   *Sep 2022 - Present*
- Created a 5-year DCF model for Apple using the perpetuity growth method and a WACC sensitivity analysis on price-per-share
- Performed growth rate vs. WACC sensitivity analysis on Apple's implied price-per-share
- Attended exclusive networking events and workshops to prepare for the financial services industry

Stanford Real Estate Club   **Stanford, CA**
Financial Officer   *Sep 2022 - Present*
- Managed an annual budget of over $5,000 which funded various club events, socials, and site tours
- Secured sponsorships with external organizations, generating an additional $5,000 in funding
- Spearheaded a team of three members to streamline grant application and funding request processes

ADDITIONAL INFORMATION

Awards/Test Scores: WSMC Mathematics 2019 First Place, Princeton Prize in Race Relations, InspirAsian National Scholar, Elks National Scholar, Maxwell Foundation Scholarship; SAT 1520
Computer Skills: C++, Java, Javascript, Python Data Analysis (Pandas, Scikit-Learn, Plotly), Excel
Interests: Baking Asian Pastries, Escape Rooms, Building Mechanical Keyboards, Playing Tennis