Stephen Liu

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Education

University of California, Berkeley — **Expected Graduation: May 2024**

B.A. Data Science, B.A. Economic — **GPA: 3.8/4.0**

Relevant Coursework: Foundations of Data Science, Principles & Techniques of Data Science, The Structure and Interpretation of Computer Programs, Data Structures, Probability and Statistics in Data Science, Linear Algebra and Differential Equations

Work Experience

Data Science Society — **Berkeley, CA**

Academic Development Committee, Analyst — January 2021 - Present

- Hosted 20+ educational data science workshops for the student organization and the greater UC Berkeley campus community
- Directed the general membership (GM) program with 100+ students; supported as a mentor for data science projects; increased organization and campus outreach by 43% and organization funding from UC Berkeley Department of Data Science by 50%
- Computer Skills: Pandas, Python, R, Linear Regression, Classification Modeling, Machine Learning, Matplotlib, Seaborn

Convergent @ Berkeley — **Berkeley, CA**

Build Team Member — August 2021 - December 2021

- Ideated sustainability-centered fashion platform and conducted primary market research to strategize for product-market fit
- Conducted over 13 User Experience primary research interviews to map out target audience needs, ideated 7 User Interface pages for development, and partnered with research team to integrate user insights nto product strategy and design
- Facilitated team of business developers, software engineers, and data analysts to pitch platform to investors on Demo Day

Sustain Point Consulting Group — **Los Angeles, CA**

Consultant, Client Team Analyst — March 2021 - June 2021

- Utilized Natural Language Processing (NLP) models for consumer goods sustainability assessments, evaluations, and optimization, achieved a 97%+ success rate in evaluating and analyzing scoring systems and improved existing model performances by 18%.
- Handled Operational NLP Model with 100,000+ coded observations, 50+ scoring systems analyzed, 1000+ survey and questionnaire
- Prepared and Devised Sustainability as a Service Competitive Landscape Analysis and Customer Discovery & Marketing Strategies

Operation Smile Canada — **Toronto, Canada**

Smile Fund Organizer/Musician — September 2017 - September 2020

- Recorded debut saxophone album with $1000+ in revenue and 50,000+ in streaming services as a part of the start-up donation toward Operation Smile, a world-wide nonprofit that creates surgery solutions to people suffering from cleft lips and palates
- Educated and promoted the foundation within the community; attended major charity events in Toronto to raise child care awareness

Leadership Experience

Data Science Undergraduate Studies — **Berkeley, CA**

Connector Assistant — August 2021 - Present

- Advised professors and graduate instructors in methods to improve course workflow, content, and student supporting platform; Administered 25+ labs during class; Held weekly office hours & provided support on Piazza platform for student questions

Berkeley Computing, Data Science, and Society — **Berkeley, CA**

Academic Intern, Lab Assistant — June 2021 - September 2021

- Assisted undergraduate students during 3-hour weekly laboratory sections in areas of data exploration and data science lifecycle
- Facilitated discussion of course material including introductory Python syntax, data visualization, and statistical inference

Skills & Interests

Languages: English (Native), Mandarin (Native), French (Limited proficiency)

Awards and Honours: The Leadership Award (Cal Alumni Association Scholarship), Duke of Edinburgh's Award Silver Level, International Autonomous Racing Robot Competition (Future Engineer), 3X Provincial Champion & National Finalist Swimming

Skills: Python, Java, SQL, Pandas, C++, ML, Matplotlib, Seaborn, Microsoft Excel, Microsoft Office, Adobe Creative Cloud, Figma, Quantitative Research, Qualitative Research, Decking, Exploratory Data Analysis, Data Visualization, Scikit-learn, Statistical Analysis

Interests: Sports Analytics, Swimming, Gym & Fitness, Saxophone, Piano, Basketball, Magic Tricks, Video Game, Soccer, Tennis