

Emily Lu

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EDUCATION

University of California, Santa Barbara

Santa Barbara, California

Bachelor of Science in Statistics & Data Science

Expected June 2020

- **GPA:** 3.6/4.0
- **Honors:** Dean's Honors, College of Letter and Science Honors Program
- **Study Abroad:** Intensive Chinese Program at Peking University, Beijing, China – Summer 2018
- **Relevant Coursework:** Applied Stochastic Processes (Honors), Time Series (Honors), Regression Analysis, Probability and Statistics, Numerical Analysis, Intro to Mathematical Finance (Honors), Microeconomic & Macroeconomic Theory, Principles of Data Science with R, Problem Solving with Computers using C++

WORK & LEADERSHIP EXPERIENCE

Ares Management

Los Angeles, California

Performance & Attribution Part-time Intern

Sep 2019 – March 2020

- Performed and automated data reconciliation to close 50+ CLO funds using Excel, SQL, and Python
- Wrote 20+ algorithms in Python that increased efficiency 180x, enhanced the team's client-facing & ad-hoc reports, and improved the team's analytical capabilities
- Maintained existing and developed new applications in accordance with the team's business needs
- Transformed project data requirements into project data models

Performance & Attribution Intern

Jun 2019 – Sep 2019

- Proposed and implemented 10+ automation projects using self-learned Python libraries such as pandas, xlwings, and win32com to triple the efficiency of large financial data extraction, formatting, manipulation, and reporting with scheduled scripts
- Evaluated and analyzed portfolio returns for daily performance reports used by portfolio managers
- Calculated metrics such as attribution and contribution for portfolio management and investor relation teams

UCSB Design, Facilities & Safety Services

Santa Barbara, California

Business & Financial Planning Intern

Oct 2018 – Sep 2019

- Analyzed and approved orders each valuing up to \$500k made by various departments for accuracy in accordance with funding, object codes, restricted products, and purchasing guidelines
- Managed the development and processing of business transactions needed for infrastructure services
- Leveraged knowledge gained from BFP department to assist contractors on billing inquiries

Contract Analyst Assistant

Jul 2017 – Sep 2019

- Built strong relationships and collaborated with project managers, contractors, and consultants to develop, design, and execute 200+ projects
- Created comprehensive e-signature templates for all multi-level contract agreements resulting in a 75% increase in business transaction efficiency and reducing project turnaround from three weeks to one week

UCSB Disabled Student Program

Santa Barbara, California

Exam Proctor

July 2017 – Sep 2019

- Administrated 50+ exams for students with disabilities according to standard examination protocols and Americans with Disabilities Act (ADA)
- Ensured students received their designated exam accommodations and resources given towards regular students by maintaining active communications with instructors and test coordinators

SKILLS, ACTIVITIES & INTERESTS

- **Skills:** Python, R, C++, SQL, Excel, Pandas, NumPy, SciPy, Matplotlib, Selenium, LaTeX, SSRS, Tableau
- **Activities & Interests:** Math, statistics, running, fashion, volleyball, food, traveling, stock/option trading