

Juliette Wong

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EDUCATION

Carnegie Mellon University

Bachelor of Science in Mathematical Sciences

Concentration in Operations Research and Statistics, Minors in Human-Computer Interaction and Chinese

GPA: 3.78/4.00, Dean's List: All Semesters

Pittsburgh, PA
Expected May 2021

Relevant Coursework: Intro to Mathematical Finance, Discrete-Time Finance*, Fund. of Programming and CS (Python), Imperative Computing (C), Intro to Machine Learning (Python)*, Intro to Statistical Inference, Modern Regression (R)*

PROFESSIONAL EXPERIENCE

Grant Street Group

Business Analyst Intern

Pittsburgh, PA
May - Aug 2019

CMU Human-Computer Interaction Department

Undergraduate Research Assistant

Pittsburgh, PA
Jan - May 2019

- Collected data by performing test studies and analyzed this data using Excel, determining that streaming educational games, especially in a group setting, helps students learn material
- Discovered inconsistencies in test subjects, such as prior knowledge and ability to communicate with others, that impacted some results, inspiring further research with more control variables

CMU Mathematical Sciences Department

Summer Undergraduate Research Apprentice

Pittsburgh, PA
May - Aug 2018

- Interpreted MATLAB algorithms to improve accuracy of Nonnegative Matrix Factorization and to learn about the application of mathematical proofs and software to other fields such as machine learning
- Collaborated with two research apprentices to evaluate prior research papers and perform QR-factorization on a specific tri-diagonal matrix, contributing to the efforts in finding a lower bound for the array

LEADERSHIP

Capital One Summit for Developing Leaders

Program Participant

Plano, TX
Jan 2019

- Prototyped an app using proto.io that helps students budget and improve their financial literacy; used Excel to calculate app benefits to Capital One and consumers
- Delegated tasks to and collaborated with five other program participants in the week-long team case competition

CMU Career and Professional Development Center

Career Peer Mentor

Pittsburgh, PA
Aug 2018-Present

- Compiled statistics using Google Sheets to create reports on and analyze different factors that contribute to student attendance at weekly dormitory workshops and tracked engagement with the career center
- Created presentations and handouts to improve annual student turnout among all workshops by 25%

Alpha Phi Omega- Kappa Chapter

Membership Vice President; Assistant Fellowship Vice President

Pittsburgh, PA
Jan 2018-Present

- Worked closely with the concessions committee to plan logistics and train new members for the fraternity's annual Carnival celebration fundraising event, which raised \$14k in profit for our chapter in 3 days
- Generated quantitative and qualitative data from google sheets and to analyze membership activity and retention

Dancer's Symposium

Choreographer; Contemporary Dancer

Pittsburgh, PA
Sep 2017-Present

- Choreographed a 13-dancer contemporary piece for the Fall 2018 show
- Collaborated with directors and stagecraft members to refine different aspects of the performance, including lighting, costumes, and dance formations

OTHER EXPERIENCE

BlackRock Fast-track to FinTech (July 2019) • Citi Early Identification Program, Technology Track (April-May 2019)

Bank of America Ignite with STEM Diversity & Inclusion Forum (March 2019)

SKILLS

Programming: Python, C, R (basic), HTML/CSS (basic)

Software: Microsoft Excel, Microsoft PowerPoint, Google Drive, LaTeX, Solidworks 2018