Juliette Wong

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EDUCATION

Carnegie Mellon University   **Pittsburgh, PA**
Bachelor of Science in Mathematical Sciences   *Expected May 2021*
Concentration in Operations Research and Statistics*,* Minors in Human-Computer Interaction and Chinese
GPA: 3.78/4.00, Dean's List: All Semesters

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   **Pittsburgh, PA**
Business Analyst Intern   *May - Aug 2019*

CMU Human-Computer Interaction Department   **Pittsburgh, PA**
Undergraduate Research Assistant   *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   **Pittsburgh, PA**
Summer Undergraduate Research Apprentice   *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   **Plano, TX**
Program Participant   *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   **Pittsburgh, PA**
Career Peer Mentor   *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   **Pittsburgh, PA**
Membership Vice President; Assistant Fellowship Vice President   *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   **Pittsburgh, PA**
Choreographer; Contemporary Dancer   *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

Citi Early Identification Program, Technology Track: Participated in webinars and weekly calls to learn about Citi's culture
Bank of America Ignite with STEM Forum: Identified opportunities for STEM majors in banks and practiced networking skills

SKILLS

Programming: Python, C, R (basic), HTML/CSS (basic)
Software: Microsoft Excel, Microsoft PowerPoint, LaTeX, Solidworks 2018