

Josh Cai

413 E Huron St, Apt 1311C, Ann Arbor, MI, 48104
Tel: (734) 846-2694 Email: caizh@umich.edu

Sep 16, 2017

314 W Superior St,
Suite 200 Chicago,
IL 60654

Dear Recruiting Team,

I am writing to apply for the Quant Trading Internship, as posted on the Handshake website. As a first-year master's student in the University of Michigan's Quantitative Finance and Risk Management program with a bachelor's degree in mathematics and motivation, I am interested in this opportunity to gain experience in the financial industry. The following skills and experiences will make me an asset to Jane Street's team:

- **Experience in programming and the ability to learn new things:** I took a course named "The C family course" during my third year in undergraduate, where I learned the basics about the programming languages C, C++ and C#. I had no experience in programming before, but with my hard work and the help from my friends and professor, I succeeded in the class and look forward to applying my programming skills in the future.
- **Problem solving:** In a research project about the quasi-biennial oscillation(QBO), I participated in building three models based on data of 60 years. I made a significant contribution in building the third statistical model of our research mostly independently.
- **Hard-working and thinking critically:** During my time as an undergraduate in University of Exeter, I achieved first class degree in Mathematics. It is the result of my hard work and dedication. The greatest quality I developed throughout my undergraduate study is to think critically, engage in an activity with reflective skepticism.
- **A confident team player as well as a persistent individual contributor:** My experience in researching the QBO required me to work together with my team closely, with effective time management, communication and organization both individually and within the group.

Because of my demonstrated strengths in Mathematics and experience in research, I believe I am well-prepared to succeed as a quantitative researcher. I look forward to an opportunity to further discuss my qualifications and to learn more about how this position contributes to Old Mission Capital's mission.

Sincerely,
Josh