Oliver Hare

http://oliverhare.us

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Education

Brown University	*Providence, RI*
Master of Computer Science, GPA: 4.0	*Graduation May 2018*
Bachelor of Arts in Physics, Bachelor of Arts in Mathematics	*Graduated May 2017*
Hopkins School	*New Haven, CT*
High School	*Graduated May 2013*

Work Experience

Brown Computer Science Department, Teaching Assistant *Providence, RI ◦ Fall 2017 – Present*

- Helped design, organize, and run CS1570: Design and Analysis of Algorithms
- Instructed students on course materials during TA hours and review sessions
- Graded assignments and other course materials submitted by students

Cartesian, Business Analyst *Boston, MA ◦ Summer 2017*

- Automated VPN Geo-Filter testing for Amazon Prime Video, and other providers with Python
- Analyzed client and market data to inform strategy in tech and media

Brown Brothers Harriman, FX Electronic Trading Intern *New York, NY ◦ Summer 2016*

- Designed and tested algorithmic trading strategies for the inter-bank FX market
- Tested and trained a financial Kalman Filter and Bellman Ford's algorithm on historical data
- Traded on inter-bank FX market as part of intern trading competition

Jane Street, Quantitative Trading Intern *New York, NY ◦ Winter 2016*

- Traded in a team in various mock trading exercises on simulated markets
- Built models to identify trends and determine relationships between securities
- Trained and lectured on using various services and understanding various financial concepts

Ellington Management, Special Projects Group Intern *Old Greenwich, CT ◦ Summer 2014, Summer 2015*

- Created SQL scripts and Excel tools to aid firm employees in analyzing and interpretting data
- Managed workflow for residential loan and property database
- Aided accounting team in transitioning historical records to a SQL database

Extracurriculars

Brown Debating Union

American Parliamentary Debate Association Debater	*2013 – Present*

- Debated in 6-12 inter-collegiate tournaments per year
- Dedicate 4-10 hours practicing and preparing per week during competitive season

Vice President of Administration	*2015 – 2016*

- Organized Brown Debate Tournamet, a two day event with over 200 attendees
- Planned and Scheduled Brown Debate Union on campus events

Brown Ballroom Dance Team

Gold Level Smooth and Standard Dancer	*2013 – Present*

- Competed in 4-10 competitions per year
- Regular finalist in smooth and standard style dances
- Train 10-20 hours per week during competitive season

Skills

Programming Languages: *Proficient:* Python, Pyret, SQL, HTML/CSS. *Familiar:* Javascript. *Used Before:* C, Java.

Projects: Check out my project page at "http://oliverhare.us/projects/".

Art and Design: Experience in Drawing, Pen and Ink, Digital Drawing and Painting, Photoshop, Graphic Design.

Music: Classically trained in piano, performed in venues and competitions, able to perform inpromptu pieces.