

## Oliver Hare

<http://oliverhare.us>

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### Education

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#### Brown University

Master of Computer Science, GPA: 4.0/4.0

Pursuing research under Amy Greenwald PhD on Algorithmic Game Theory

*Providence, RI*

*Graduation May 2018*

Bachelor of Arts in Physics, Bachelor of Arts in Mathematics, GPA: 3.4/4.0

*Graduated May 2017*

#### Hopkins School

High School

*New Haven, CT*

*Graduated May 2013*

### Work Experience

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#### Brown Computer Science Department, Teaching Assistant

*Providence, RI • Fall 2017 – Present*

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

#### Cartesian Inc, Business Analyst

*Boston, MA • Summer 2017*

- Automated VPN Geo-Filter testing for Amazon Prime Video and other providers using 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 foreign exchange currency 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 Capital, 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 data services and understanding financial concepts

#### Ellington Management Group, Special Projects Intern

*Old Greenwich, CT • Summer 2014, Summer 2015*

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

### Extracurriculars

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#### Brown Debating Union, Ranked 2nd APDA Debate Team Nationally

*Vice President of Administration*

*2015 – 2016*

- Organized Brown Debate Tournament, a two day event with over 200 attendees
- Planned and Scheduled the Brown Debating Union's on campus events

*American Parliamentary Debate Association Debater*

*2013 – Present*

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

#### Brown Ballroom Dance Team

*Gold Level Smooth and Standard Dancer*

*2013 – Present*

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

### Skills

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**Programming Languages:** *Proficient:* Python, pyret, SQL, html/CSS, Javascript. *Familiar:* C#, Java, tensorflow.

**Projects:** See my projects 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 impromptu pieces.