Eugene Han

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EDUCATION

Carnegie Mellon University, Pittsburgh, PA
Bachelor of Science in Mathematical Sciences   **Aug 2015 - May 2019 (Expected)**
Anticipated Additional Major in Computer Science

Bergen County Academies, Hackensack, NJ
Graduated from the Academy for Engineering and Design Technology   **Sep 2011 - June 2015**

SKILLS

Programming Languages: Python, C, Java, R, LaTeX
Software: Mathematica, Git, MATLAB, SAS

WORK EXPERIENCE

Opticlose, New York, NY
Data Analyst   **Sep 2014 - Aug 2015**
- Created R scripts for statistical analyses on sales data in order to predict which prospective customers will buy from our clients' sales teams
- Developed a company specific library of R functions to assist in developing statistical models
- Presented analysis results to current and potential investors

BCA Math Competition Camp, Hackensack, NJ
Teaching Assistant   **June - July 2013, 2014**
- Lectured students on basic topics in combinatorics and provided one-on-one tutoring upon request
- Taught strategies on approaching competition math problems and reviewed and discussed homework solutions with the students
- Performed routine tasks including grading, proctoring, and generating exam questions

ACTIVITIES

Carnegie Mellon Informatics and Mathematics Competition, Pittsburgh, PA
Executive Board   **Oct 2015 - Present**
- Organized Carnegie Mellon's first mathematics and computer science competition for over one hundred high school students
- Successfully performed arbitrary tasks day of competition to produce a smooth event
- Developed spreadsheets to keep track of finances and competitor's scores

Bergen County Academies Math Team, Hackensack, NJ
Varsity Member, AMC12: 114, AIME: 5   **Sep 2011 - June 2015**
- Participated in many prestigious competitions, such as ARML and Lehigh UMC
- Volunteered by helping run the Sunday program targeted towards middle school students

Bergen Tech Knights, Hackensack, NJ
Varsity Co-Captain
- Committed approximately 20 hours per week to training, travel, and playing matches while simultaneously maintaining a full course load
- Developed strong work ethic, perseverance, and flexibility to meet personal and team goals
- Led the team to 4 straight division titles and was awarded MVP of the 2015 season

HACKATHONS

HackCMU, Pittsburgh, PA
Awair, Winner of the Harris Award   **Sep 2015**
- Developed an application that transcribed and disseminated public safety audio transmissions in real time into text
- Successfully developed a server and had it running on a virtual machine using python to create JSON text files of the transcribed audio segments to be saved into the database

Jane Street Electronic Trading Hacakthon, Pittsburgh, PA   **Nov 2015**
- Developed an AI to trade on a simulated market using an ETF arbitrage strategy