

# Eugene Han

201-841-2870 | eugeneh@andrew.cmu.edu

## EDUCATION

---

**Carnegie Mellon University**, Pittsburgh, PA  
Bachelor of Science in Mathematical Sciences  
Additional Major in Computer Science

May 2019

**Bergen County Academies**, Hackensack, NJ

June 2015

Relevant Coursework: Discrete Math I and II, Analytical Calculus BC+, Multivariable Calculus, AP Physics, AP Computer Science

## RELEVANT COURSES

---

Vector Analysis  
Matrix Theory  
Mathematical Concepts and Proofs

Great Theoretical Ideas in Computer Science  
Principles of Imperative Computation  
Fundamentals of Programming

## WORK EXPERIENCE

---

**Opticlose**, Data Analyst

New York, NY

- Developed regression models using client's data in R
- Created a library of functions in R to assist in creating models catered towards our product
- Documented results on a PowerPoint to present to current investors and potential ones

Fall 2014 – Fall 2015

**Bergen County Academies Math Competition Camp**, Teaching Assistant

Hackensack, NJ

- Lectured students in combinatorics and provided additional one-on-one tutoring
- Taught strategies on approaching competition math problems and went over homework solutions

Summer 2013, 2014

## ACTIVITIES

---

**Carnegie Mellon Informatics and Mathematics Competition**, Statistics

Pittsburgh, PA

- In charge of creating spreadsheets related to the results of the contestants

Spring 2016

**Bergen County Academies Math Team**

Hackensack, NJ

- Competed for the varsity team at various math competitions

2011-2015

**Bergen Tech Knights Tennis**, Varsity Co-Captain

Hackensack, NJ

- Led the team to 4 straight division titles

2012-2015

## PROJECTS

---

**Awair**, HackCMU Project

Pittsburgh, PA

- Transcribes and disseminates public safety transmissions in real time
- Won the Harris Award

Fall 2015

**Go Engine & AI**, Fundamentals of Programming Final Project

Fall 2015

- Designed and implemented user interface, engine, and simple AI algorithms using Monte Carlo for the board game Go

## SKILLS

---

Programming Languages: Python, C, Matlab, Java, R  
Software: Git, Mathematica, LaTeX, vim