

Jonathan Wang

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EDUCATION

Rutgers School of Engineering Honors Academy - New Brunswick, NJ Sept. 2019-May 2023

- Bachelor of Arts in Computer Science and Bachelor of Science in Electrical/Computer Engineering
- Relevant Courses: Honors Introduction to Engineering I, Data Structures, Multivariable Calculus, Introduction to Computers for Engineering, Computer Architecture, Discrete Structures I, Engineering Economics, Honors Mechanics: Statics, Differential Equations for Engineers

Holmdel High School - Holmdel, NJ – GPA 4.43/4.0 Sept. 2015-June 2019

- National Merit Commended Scholar. 2018
- National Honors Society. 2017-2019

WORK EXPERIENCE

Rutgers Center of Alcohol and Substance Use Studies - New Brunswick, NJ Winter 2020-Current

- Research under Prof. Yihong Zhao (5-10 hours a week)
- Utilized deep learning for classifying likelihood of substance abuse based on brain data from MRI scans

Rutgers Wireless Information Network Laboratory Internship - New Brunswick, NJ Summer 2018

- Intern under Prof. Yingying Chen
- Assisted with research on the use of wireless signals to map out indoor environments.
- Worked on collecting data and integrating machine learning algorithms to parse and interpret collected data

China GB Standards June 2019-Jan 2020

- Worked with family business in China. Company focuses on assisting other companies with importing products to China.
- Managed orders, made sales, and communicated with clients from around the world.

EXTRACURRICULAR ACTIVITIES

American Computer Science League Sept. 2017-June 2019

- Participated in school wide competition and qualified for the national competition. Team ended up placing 11th at the national level.

Computer Science Club Sept. 2017-June 2019

- Club President.
- Organized computer science teaching sessions for students to learn programming.

COMMUNITY SERVICE

HuaXia South Chinese School Teacher Assistant Organization Sept. 2015-May 2019

- Founder
- Started an organization at my local Chinese School to provide volunteer assistants to teachers and students.
- Planned out schedules, organized meetings, and coordinated with school administration and teachers to better provide necessary assistance to each class.

SKILLS

Java, HTML, CSS, Javascript, C, MATLAB, R, Photoshop, AutoCAD

INTERESTS

Programming, graphic design, drawing, running, weight-lifting, video games, traveling, exploring cultures