

Justin Zhang

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EDUCATION

Rensselaer Polytechnic Institute

08/2023 – 06/2027

B.S. in Computer Science – GPA: 4.0

Troy, New York

- Coursework: Computer Science 1, Multivariable and Matrix Calculus, Physics 1
- Organizations: HackRPI, CyberSecurity Collabotory, The Society of Asian Scientists and Engineers, Union Show Techs

Staten Island Technical High School

09/2019 – 06/2023

Advanced Regents Diploma – GPA: 4.0

New York City

- Coursework: Advanced Computer Science (Web Development Concentration), AP Computer Science, AP Calculus BC

SKILLS

Programming | Python, Javascript, Vue.js, Django, C, C++, SQL, Tensorflow

Version Control Systems | Git, Github, Firebase

Computer-Aided Design Software | AutoCAD, Revit

Languages | Mandarin-Chinese, Cantonese dialect, Beginner Russian

EXPERIENCE

Staten Island Tech – Lead Backend Developer

09/2022 – 06/2023

- Led backend development for the school's comprehensive full-stack website serving an annual user base of over 1,300 students
- Designed backend models to integrate school databases into frontend seamlessly
- Implemented data loaders into the backend to optimize server efficiency, costs, and runtime

Wooter Apparel – Intern

07/2022 – 09/2023

- Scraped data from websites to create data tables with Python in CSV format to organize products in a way accessible to customers and
- Increased company revenue by utilizing data collected to devise appropriate marketing strategies for 10,000+ customers

SITHS Math Team – Team Leader

09/2019 – 07/2023

- Achieved the first-place position in a highly competitive NYC city-wide high school math competition, surpassing 40 finalist schools, and consistently ranked among the top 5 performers within the school for 4 years
- Orchestrated school-wide Math-athons to raise over \$500 in funds for local nonprofit organizations in a month

New York Youth Tech Team – Member

07/2021 – 08/2022

- Facilitated lessons on programming concepts such as variables, fundamental data structures, conditionals, troubleshooting

ExamIQ Tutoring Center – Project Manager/Instructor

07/2023 – 08/2023

- Assigned responsibilities to team members for the development of comprehensive lesson plans to support mentees' educational growth, kept team members accountable for meeting deadlines
- Taught effective studying techniques, communication, and active listening skills to mentees
- Increased SAT scores through personalized guidance and strategized project plans by 13%

CERTIFICATIONS AND AWARDS

- Harvard CS50 Introduction to Computer Science, Introduction to AI with Python
- AutoCAD Certiport License