

Alex Chen

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Education

Yale University, New Haven, CT, Expected May 2023
B.A. Computer Science and Ethics, Politics & Economics; GPA 3.92/4.0

Bronx High School of Science, Bronx, NY Diploma, May 2019; GPA 97.93%

Work Experience

Student Developer, *Yale Student Technology Collaborative*, New Haven, CT (October 2019 - Present)

- Utilize Ruby on Rails and React Native to develop apps used by thousands in the Yale community, including the campus map, the housing app Vesta, and the attendance app CardSwipr

Vice President, *Bronx HS of Science National Honor Society*, Bronx, NY (May 2018 – June 2019)

- Managed all data of 282-member volunteering and tutoring organization
- Created web app and spreadsheet scripts to streamline project assignments, applications, credit tracking, and email management
- Started Get Your Life Together, a community program inviting industry professionals to host workshops for students to explore potential career paths with 70-person membership

Intern, *Office of NYS Assemblymember Yuh-Line Niou*, Lower Manhattan, NY (June 2017 – September 2018)

- Researched and composed legislative memos, meeting briefs, citations
- Aided constituents over the phone, at mobile district offices, and at events
- Automated processes by writing low-maintenance scripts to gather info (e.g., construction permits)

Activities

City of New Haven Pandemic Task Force

Worked with 5-person team to develop pandemic volunteer management web app (<http://newhavenhelpwithcovid.com/>) for the City of New Haven, matching hundreds of users to volunteer opportunities and responding to the needs of city government and other New Haven institutions.

Independent Political Science Research

Designed and conducted an independent study applying political typology to Congress using congressional databases. Named Regeneron STS 2019 semifinalist and won NYCSEF First Award and American Psychological Association Award.

Hackathons

Placed top five in YHack 2019 by developing community-building app for mental health with mapping software and augmented reality features. Won Best Computational Hacks in AtomHacks 2018 by analyzing webpages' political biases with natural language processing.

Skills

Web Development: Ruby on Rails, React, Bootstrap
Programming Tools: JavaScript, Java, C#, C
Research and Data: Microsoft Office, SPSS, Tableau
Languages: Mandarin, Fujianese