

# Alex Chen

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## Education

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**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

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**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

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**Yale Emergency Support (YES) — New Haven Pandemic Task Force**

Worked with 5-person team to develop emergency pandemic volunteer management and training web app (<http://newhavenhelpwithcovid.com/>) for the City of New Haven, matching 500+ users to volunteer opportunities with city government and 20+ New Haven nonprofits. Offered personalized volunteer training through integration with 3<sup>rd</sup>-party software and help expand platform to Athens, Georgia.

**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

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