

# Isaac Lo

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## Education

- **Bachelor of Computer Science**, Expected May 2021
- **College of Science and Engineering**, University of Minnesota-Twin Cities, Minneapolis, MN
- Current GPA: 3.78
- Academic Awards: CSE Dean's List, National Merit Finalist, Stokes Scholarship Finalist

## Skills

- Programs: Microsoft Word, Latex, Pandoc, Jekyll, Git, Apache, Linux, Electron, RESTful, GraphQL
- Computer Languages: Python, Django, Javascript, AngularJS, Vue.js, HTML, SASS/CSS, Java, SQL

## Related Experience

- **Kanetus** <http://www.kanetus.com/>
  - Currently creating a GPS-guided tour application with the startup Kanetus. Am in charge of Nativescript application development with Vue.js. While working for Kanetus, the company earned a TBSr Innovation award and was validly accepted to the YC startup school.
- **Personal Website** <https://isaaclo.site/>
  - Designed and created my personal website. Used HTML, SASS, and javascript.
- **Transcriber\_bot** [https://github.com/isaaclo123/transcriber\\_bot](https://github.com/isaaclo123/transcriber_bot)
  - Wrote a python bot for transcribing the text within reddit image posts, helping to aid the visually impaired. Used OpenCV and Pytesseract to read text from images, Sqlite for logging information, and coverage/pytest for testing.
- **Leaflet** <https://github.com/Zarkoix/LeafletServer/>
  - Collaborated with a fellow student to create a minimalistic note-taking web application. Wrote Django code for the application's RESTful/GraphQL backend.
- **Prepdbot** [https://github.com/isaaclo123/prepdbot\\_v3/](https://github.com/isaaclo123/prepdbot_v3/)
  - Wrote a python article-saving web-scraping bot for the Prepd Extemp Offline software. The bot saved and tagged over 500 articles a week, supporting Extemporaneous Speech team members in their preparation.

## Work Experience

- **Cashier**, Sweet Tomatoes (Summer of 2018)
  - Worked at a Sweet Tomatoes restaurant for 6-7 weeks. Communicated with customers, handled money, and performed basic accounting.
- **Interim software developer**, 21st Century Education (2015-2017)
  - Set up a corporate server. Installed a Linux OS and configured a firewall, VPN, and data storage system. Increased company security and productivity.
  - Set up a company event webpage using Jekyll, informing customers and increasing publicity.
  - Wrote an Angular JS front-end and a Node JS back-end code for a key company application. Delivered a presentation to investors and shareholders about the project.
- **Teaching assistant**, Coding for Fun (Summer of 2016)
  - Taught Scratch, Python, and HTML to children at Carden Academy Almaden.
- **Teacher**, Chinese Church in Christ South Valley (2015-16)
  - Taught the Java language one hour a week for 7-8 weeks.