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: 3.81
- Academic Awards: CSE Dean's List, National Merit Finalist, Stokes Scholarship Finalist

Skills

- Programs: Microsoft Word, PowerPoint, Google Docs, Latex, Pandoc, Jekyll, Git, Apache, Linux
- Computer Languages: Python, Django, Javascript, AngularJS, Vue.js, HTML/CSS, Java, SQL

Related Experience

- **Kanetus**
  - Currently collaborating with the UMN Cloud Computing club to create a University GPS-guided tour application. Creating a Vue.js User Interface and a Amazon AWS backend.
- **Wake.io** https://github.com/isaaclo123/wake-io
  - Collaborated with a fellow student to create a driving fatigue-sensing application. Created a User Interface with Vue.js and Python.
- **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 backend.
- **FastFlow** https://fastflowdebate.com/
  - Collaborated in a team of 3 students to create a web application for optimizing debate flowing and evidence viewing.
- **Prepdbot** https://github.com/isaaclo123/prepdbot_v3
  - Wrote an article-saving software 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

- **Interim software developer**, 21st Century Education (2015-2017)
  - Installed and set up a company server. Managed network security and a company data backup system.
  - Set up a company event webpage using Jekyll. http://www.hackthelesson.com/
  - Wrote front-end and back-end code for 21Vocab http://21vocab.com/, a social network for vocabulary building and student collaboration.
- **Teacher**, Chinese Church in Christ South Valley (2015-16)
  - Taught the Java language one hour a week for 7-8 weeks.
- **Teaching assistant**, Math and Coding (Fall of 2015)
  - Taught Tkinter (a block-based programming language) to children at the San Jose Almaden Library.
- **Teaching assistant**, Coding for Fun (Summer of 2016)
  - Taught Scratch (a block-based programming language) to children at Carden Academy Almaden.