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# BRIAN CAO

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## EDUCATION

**Academy of Holy Angels, Richfield, MN**

*August 2012 - June 2016*

**University of St. Thomas, St. Paul, MN**

*August 2016 - May 2020*

B.S. in Computer Science

GPA: 3.11

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## SKILLS

**Languages** Java, C, Matlab, Python, Javascript, HTML, CSS

**Database** SQL

**OS** Linux (Debian), Windows, Mac

**Frameworks** Ember, Vue, Node, Angular, jQuery

**Other** Office 365

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## WORK EXPERIENCE

**University of St. Thomas IT Support Services**

August 2018-Present

*Student Worker*

- Helped troubleshoot technology problems over the phone or in person
- Fixed printers, computers, projectors, audio and video problems around campus
- Created tickets for each client

**US Bankruptcy Courthouse**

June 2019-September 2019

*IT Intern*

- Created scripts to automate file move from local machine to server, count errors in error files, scrape data from database, and more
- Installed software on computers and troubleshooted computers for issues
- Took inventory of storage room and installed monitors, phones, and other devices

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## ACTIVITIES

**Computer Science Club**

August 2018-Present

- Worked in teams to create research website for a professor
- Presented current projects that I recently worked on

**ASIA Club**

August 2016-Present

- Helped organize, setup, and participated in events
- Provided input and assistance on planning activities for the club

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## SELECT PROJECTS

**Air Quality Map**

Link: <https://bricao16.github.io/Air-Quality-Web-App/>

- Used Leaflet, Open AQ Platform, Vue JS, JavaScript, HTML, and CSS to create two independent maps that automatically populated a table with air quality measurements

**Cache Simulator**

- Simulated a CPU cache and integrated the cache into a behavioral simulator. As the processor simulator executes an assembly-language program, it accesses instructions and data.