

Abigail Selena Chiaokhiao

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Education

Bachelor of Bioproducts & Biosystems Engineering

Expected Graduation May 2023

Blaine High School – Blaine, MN

University of Minnesota – Twin Cities ~ GPA: 3.6

Sept 2015 – June 2019

Relevant Coursework: Physics 1-2, Chemistry 1-2, Organic Chemistry, Calculus 1-4, Intro to C/C++, Intro to Algorithms (Java), Statics of Materials, Computer Applications in BBE (MATLAB, Excel)

Skills

- Programming Languages: Java, C++, JavaScript, CSS, HTML
- Development environments: windows, android
- Software: Solidworks, MATLAB, Google Suite, Microsoft Suite, MotionLab, LoggerPro
- Foreign Language: semi-fluent in Spanish

Experience

Lifetime Fitness — Team Member

May 2019 – Present

- Aid and serve customers in transactions
- Follow a routine of maintenance tasks
- Create spreadsheets to streamline for other team members

Michaels — Sales Associate

Aug 2018 – May 2019

- Helped customers with project and craft needs as a cashier and floor representative
- Led craft events and birthday parties for customers

Anoka Hennepin School District — Adventures Plus Substitute

Sept 2018 – May 2019

- Aided other Adventures Plus caretakers in leading, organizing, and supervising children in the childcare program

Projects

SASE Labs: Gopher Way Navigator App (JavaScript, CSS)

Oct 2019 – Aug 2020

- Co-led in the development of an app to navigate the university's tunnel system
- Collaborated on a programming team and led team meetings

Center for Engineering, Math, and Science High School Senior Design (Java)

Sept 2018 – June 2019

- Collaborated on a small team to design and present a unit to improve of bike theft
- Worked as the programmer to develop the device program for the microcontroller, stick welded, and helped in documentation writing

Volunteering/Activities

Program Director – Society of Asian Scientists and Engineers

Sept 2019 – Present

- Led teams of 5-10 students to design and prototype yearlong interdisciplinary projects.

Programming Captain – Robotics Team

2015 – 2019

- Mentored and directed programming members in writing programs for our robots.

Leader - Bengals in Action Volunteering Group

2015 – 2017

- Planned events and worked alongside other volunteers for fundraising and community service