

Andrew Zhou

CONTACT

(425) 761-6980

andrewzhou16@gmail.com

linkedin.com/in/andouu

<https://github.com/andouu>

Objective

Seeking creative internship opportunities in STEM fields.

EDUCATION

2019 - Present

IB Diploma Candidate,

Gifted program

Interlake High School

– Bellevue, WA

- IB Higher Level Mathematics
- IB Higher Level Physics
- IB Higher Level English

KEY SKILLS

- Web/desktop/mobile app development
- React Js, React Native
- Node, Express, Hapi Js
- MySQL, MongoDB
- C family languages (C++, C#, Java)

AWARDS

- May 2018 - **11th / TARC Nationals**
- March 2022 - **2nd / WTSA (Software Development)**
- March 2022 - **5th / WTSA (Game Development)**
- May 2022 - **Best Game Art, Music / WSPTA**

EXPERIENCE

Project Leader, Full Stack Developer | Intral

2021 – Present

- Created an application that tracked student academic progress, such as GPA, grades, etc, garnering 50 test users
- Worked with React Native, which drastically reduced development cost, and allowed for a rapid development cycle.
- Created a backend server using NodeJs, which the mobile app used to authorize login data and interchange grade book data.

Project Co-leader, Full Stack Developer | Tossit

2022 – Present

- Startup educational app made for real-time student-to-student quizzing. Was showcased in a real school environment.
- Won 2nd place at the Washington Technology Student Association state conference for software development
- Developed the frontend using ReactJs and Sass and relies on Socket Io, enabling real-time bidirectional communication between clients and servers, with low latency.

Rocketry

2017 – Present

- Worked in multiple school rocketry teams from middle school to high school to design, build, and test model rockets.
- Collaborated in an adaptive manner, often playing the roles of others when making on-site decisions to best suit the situation.
- Qualified for The American Rocketry Challenge (TARC) nationwide competition three times, once placing 11th in the nation.
- Collected and analyzed data to determine how best to adapt rockets.

INVOLVEMENT

Technology Student Association | Treasurer (2021 – Present)

- Facilitated club member growth and formed tightly knit relations with other clubs.
- Led most teams to place top 5 in the state, with 5 teams attending nationals.

Game Development Club | Head of Coding (2021), Secretary (2022)

- Facilitated club member growth from 10 members to over 40.
- Brought in professionals from the industry to introduce and educate club members about the field of game development.

Programming Club | Project Manager (2021), Instructor (2022)

- Co-instructor of the project-development branch, teaching club members about real-world software development technologies such as React, Django, etc.
- Co-managed a yearlong project in which students created a full-stack quiz web app.