

School Address:

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# JON HUBER

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## OBJECTIVE

Sophomore in computer science at Purdue University seeking an internship in software engineering for the summer of 2019.

## EDUCATION

**Purdue University** *West Lafayette, IN*

May 2021

3.46/4.00 GPA

B.S. in Computer Science with intent to specialize in Software Engineering and Machine Intelligence.

## WORK EXPERIENCE

**Pulse Voter Software Engineering Intern** *Palo Alto, CA*

May 2018 – August 2018

- Worked with a team to develop a website that allows government representatives to view bills currently in Congress, see how people are voting on them, and analyze individual voters in their district.
- Added features such as: a REST API, advanced data export, interactive map of voters, bill statistics, and constituent profiles.
- Created a website for internal use that allows for large SQL data input and manipulation as a side project.
- Learned technologies like JavaScript, Node.js with Express, React JS, SQL, and Amazon Web Services.

## PERSONAL PROJECTS

**Halo Wars 2 Discord Stats Bot** *JavaScript, Node.js*

April 2018 – Current

- Built an online chat server bot, hosted on the Google App Engine, that accesses the Halo API gives players their statistics for the game Halo Wars 2.
- Currently averages around 1000 active users in 10 dedicated communities.
- Consistently updating the bot as the game evolves, as well as adding new features.

**Personal Portfolio Website** *HTML, CSS, JavaScript*

July 2018

- Designed and created a website to display personal information, a list of technical skills, an up-to-date resume, and a compilation of favorite projects.

**Rubik's Cube Competition Timer** *C*

April 2017

- Co-developed a competition Rubik's cube timer and personal best tracker to go with an Arduino.

## LEADERSHIP EXPERIENCE

**Boiler Productions Treasurer** *Purdue University, IN*

August 2017 – May 2018

- Created opportunities for students to express creativity through film and TV production.
- Managed records of the club and \$1500 of funds, finances, and expenses.

**Microcomputers Club President and Founder** *Saugus High School, CA*

August 2015 – May 2017

- Helped teach high school students about the fundamentals of programming, microcomputers, and their applications.
- Raised \$400 to purchase Raspberry Pi's and accessories for the school club.

**Assistees Volunteer Group Secretary** *Santa Clarita, CA*

August 2015 – May 2017

- Managed the minutes and records of club meetings/events and worked retail positions at a local resale shop.
- Volunteered through various activities such as: cleaning up local river-beds, making lunches for homeless shelters, and filling backpacks with life necessities for foster children.

## TECHNICAL SKILLS

**Programming Languages:** C, C++, Java, JavaScript/TypeScript, HTML, CSS, SQL

**Web Frameworks:** Node.js, React JS, AngularJS, Bootstrap

**Development Tools:** Git, Vim, IntelliJ IDEA, GDB, Unix/Linux, Google Cloud Platform, Amazon Web Services

## RELEVANT COURSEWORK

**Current:** Data Structures and Algorithms, Computer Architecture, Web Application Development

**Past:** Programming in C, Foundations of Computer Science, Object Oriented Programming in Java, Computer Science Tools