

# Joshua Venable

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## Education

### **Bachelor of Science in Computer Science with Honors**

Graduation Date: May 2025

Double Concentration in Software Security and Data Science

Gonzaga University, Spokane, WA

Honors Program | President's List | Chess Club, Intramural Soccer, Cricket Club

**GPA: 3.94**

## Technical Skills

Java, C++, Python,  
MySQL, Git, GitHub,

OOP, Microsoft Office,  
Network Basics, Linux,

Cryptography, VirtualBox  
Data Structures, VSCode

## Engineering Experience

### **Spokane Mayor's Cup CTF**

February 2023

- Collaborated on a 2-person team for a Capture the Flag event held by Spokane Washington, in which over 300 people attended in groups of up to 5.
- Achieved 2<sup>nd</sup> place in the lower division in which first-time participants competed in.

### **Gonzaga Hackathon | Gonzaga University**

October 2022

- Implemented an Android Wear OS application in Java for tracking running times as a 2-person group at the Gonzaga University Hackathon.

## Leadership Experience

### **Lead Researcher**

Sept. 2019 - March 2020

- Researched and developed a protocol for police to use in the field in Washington to minimize the use of force while encountering a mentally unwell person.
- Recipient of 3<sup>rd</sup> place for the Washington State Science and Engineering Fair (WSSEF) and the Central Sound Regional Science and Engineering Fair (CSRSEF)

### **Vice President | Mental Health Awareness**

Oct. 2019 – Apr. 2020

- Collaborated in leading a group of 8 to connect with schools from Washington to California
- Facilitated the connection of Mental health services to schools and communities from around the West Coast, as well as organized the production of services and educational events in schools.

### **Lead Programmer**

Sept. 2017 - June 2018

- Led a team for the creation of the classic 'Hunt the Wumpus' game for a competition held by Microsoft
- Received 3<sup>rd</sup> place for implementation of our program out of 40 other teams from across the state.
- Collaborated on a team of 6 people working towards a single project, using workflow techniques through GitHub

## Additional Experience

### **Software Teaching Assistant | Gonzaga University**

Sept. 2022 – Present

- Assisted with the production of clean and clear code of students and peers. Tested, graded, and gave feedback on software to students.
- Demonstrated ability to be flexible with time and with resources to help students in a timely manner.

### **Team Member | Chick-Fil-A**

Sept. 2019 – Aug. 2022

- Provided service in a fast-paced industry, utilizing teamwork and communication skills to resolve guest issues, and ensuring satisfaction.

## Awards

### **Holocaust Center for Humanity**

Feb 2020

- Awarded 3<sup>rd</sup> place in the Holocaust Center for Humanity's writing division content.
- Wrote of a Holocaust survivor and their story as an emotional retelling of their escape.