

Joshua Venable

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www.kiwifan1.me

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,

Pandas, Numpy, Scikit-Learn
Data Structures, VSCode

Engineering Experience

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.

Dental Identification System | Tesla Stem High School

Nov. 2019 – Feb. 2020

- Researched and developed an algorithm that helps identify characteristics of a person based on dental patterns and bite marks for use in forensic research.
- Utilized Java programming to balance distinct characteristics in collaboration with professionals in the dental industry.

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 3rd 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.
- 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 3rd 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 3rd 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.