David Chanje Woo

United States Citizen

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EDUCATION

University of Washington   Bothell, WA (2021–estimated date: 2023)

Bachelor of Science in Computer Science and Software Engineering

- **Key Course:**
  - Hardware & Computer Organization
  - Data Structures & Algorithms
  - Statistics
  - Software Engineer Computer Programming
  - Management Principles for Computing Professionals

GPA: 3.4 / 4.0

Everett Community College   Everett, WA (2016 – 2020)

Associate of Science, Computer Science & Aviation maintenance

FAA-Certified A&P License

GPA: 3.74 / 4.0. Earned W. Husted and Ella Husted Emery Scholarship (2019)

EXPERIENCE

Computer Lab assistant   Everett, WA (2018 – 2020)

Everett Community College

- Offered general consultation for people who are working or studying in the lab.
- Assisted supervisor and instructor with presenting class material and training in the lab.
- Supported lab users with assistance on hardware issue, installing and using software programs, printing documents, and understanding and using certain operating systems.

Chemical, Biological, Radiological, and Nuclear Specialists

US ARMY RESERVE   JBLM, WA (2016 – 2022)

- Utilized planning and highly sophisticated equipment and coordinating defense system.
- Worked in support of joint and combined arms operations.
- Conducted reconnaissance and decontamination against any weapons of chemical, biological, or nuclear type.

PROJECTS   github.com/wcj617

Web Development

- Implemented real time weather provider using **user location and weather API.**
- Designed and built Web site using **HTML, CSS, Bootstrap, JavaScript Dom manipulation, and jQuery skills.**
- Implemented to-do list, time manage System, Random Life Quotes providing System.

Web Scrapping

- Designed and built Job searching engine in Indeed and stack Overflow using **Python.**
- Implemented Web Scrapping with **Flask** and extracted company information and direct link.
- Implemented CSV exporter to ensure users can save searched result.

Extinguish the candle flames in the Maze

- Designed and implemented brute force algorithm to find path to the candle in the Maze using **Arduino.**
- Soldered circuit board, and attached ultrasonic wave sensor, flame senor, and fans.
- Ranked Second as a team project in the competition.

SKILLS

Programming Languages:	Java, JavaScript, CSS, Python, HTML, C++
Tools/Technologies:	Unix/Linux, Arduino, GitHub
Languages:	Korean