



CHAEWOON SONG

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EDUCATION AND AWARDS

Bachelor of Engineering Electrical University of British Columbia	Sept. 2017 – May 2023 Vancouver, Canada
Dean's List Recognition for students who achieve an average of 80% or higher	2021 UBC
Outstanding International Student Award Merit-based entrance scholarship for international students with track record of excellence	June 2017 UBC

WORK EXPERIENCE

Incoming Electronics Design Engineering Intern Tesla	Feb 2022 – Aug 2022 Palo Alto, CA
<ul style="list-style-type: none">I am joining the Vehicle Engineering – Chassis Engineering Team as an electronics engineering intern this spring	
Systems Engineering Intern Corvus Energy	Sept 2020 – Dec 2020 Richmond, Vancouver
<ul style="list-style-type: none">Integrated PLCs to the electrical system by programming it in Python for CLICK PLC protocolsWrote Python program to control Programmable Instruments such as the Rigol DP281A power supply	
Electrical Systems Engineer co-op Team Captain UBC Mechanical Engineering Dept; JustAquaponics	June 2020 – August 2020 UBC, Vancouver
<ul style="list-style-type: none">Designed a remote controlled LED grow-light system using a localized server using a Raspberry Pi and PythonLed a team of 4 students, and spearheaded communication between my team and mentorsRan Zoom meetings, distributed work among members, and presented the final design	

PROJECTS

Robotics Control Systems Simulation MATLAB, Simulink University of British Columbia	Fall 2021
Canadian National Satellite Design Research Project University of British Columbia	Fall 2017

COMMUNITY INVOLVEMENT

Executive Secretary at Psi Upsilon Fraternity Maintained outstanding alumni relations and organized a large charity dinner with alumni	Jan 2021 – Dec 2021
UBC Open Robotics Collaborated with like-minded students to compete in a robotics competition	May 2021 – Dec 2021
UBC Rocket Tested electrical components and designed PCBs to compete in a rocket competition	Jan 2021 – May 2021

SKILLS

Languages: English (Native), Korean (Native)

Programming: C, C#, Python, MATLAB, JavaScript

Electrical: Prototyping, SPICE, PCB design, Project Management, Oscilloscope, Power Supply, Signal Generator

Document Creation: Microsoft Office Suite, LaTeX, Markdown