



CHAEWOON SONG

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EDUCATION AND AWARDS

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

WORK EXPERIENCE

Incoming Electronics Design Engineering Intern	Feb 2022 – Aug 2022
Tesla	Palo Alto, CA
<ul style="list-style-type: none">I am joining the Vehicle Engineering – Chassis Engineering Team an electronics engineering intern this spring	
Systems Engineering Intern	Sept 2020 – Dec 2020
Corvus Energy	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	June 2020 – August 2020
UBC Mechanical Engineering Dpt; JustAquaponics	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	Fall 2021
University of British Columbia	
Canadian National Satellite Design Research Project	Fall 2017
University of British Columbia	

COMMUNITY INVOLVEMENT

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

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