Han Cho

Computer Engineering Student

A 4th-year computer engineering student who demonstrates a strong work ethic and creative ability. I love learning computing and data science skills.

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EDUCATION

Computer Engineering
University of British Columbia

09/2019 - Present   *Vancouver, BC*

ORGANIZATIONS

UBC Smart City (2021 - Present)
Transportation Team Co-Lead

UBC EUS (2020 - 2021)
UBC first year engineering tutor

SKILLS

Java · C · C++ · System Verilog · NODE.JS · JavaScript · HTML · PHP · R · SQL · Python · GIT

PERSONAL PROJECTS

Queue Counter - UBC Smart City (09/2021 - 04/2022)
- Built a Digital Twin (Embedded AI/ Custom Vision Cloud) solution for the Emergency Room department to reduce ER wait times by 40% and digitize staffing and overflow
- Developed cloud- edge-AI traffic analytics for accurate counting of bus users on campus in near real-time

Twitter Photoshow (12/2021 - 04/2022)
- Built administrative website, using JavaScript, CSS, and PHP, and connected to the hardware displaying components.

Watercolour Converter (12/2020 - 04/2021)
- Built frontend of website, using HTML, JavaScript and CSS, and connected to the ML component.

Timetable Analyzer (06/2022 - Present)
- This project takes the timetable as input and then rates the timetable based on user factors like lunchtime availability, morning lectures, and free-day. This will then be published via the UBC CPSC server.

CERTIFICATES

- Datacamp: Data Scientist with R

- IBM: Analyzing Data with Excel

- DELF A2: French studies diploma level A2

ACHIEVEMENTS

- Completed 31 day data challenge

LANGUAGES

English
Native or Bilingual Proficiency

Korean
Native or Bilingual Proficiency

INTERESTS

Science Fiction novel/movies · Biology · Languages · Indoor Climbing · Skating