CHRYSEN PARK

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EDUCATION

University of British Columbia   *2015 - 2020*

Bachelor of Science in Integrated Sciences

Integration Computer Science and Environmental Science

EXPERIENCE

Clean Energy Research Centre   April 2018 - Present

Research Assistant   *Vancouver, BC*

· Responsible for find the most efficient/clean way to transport hydrogen fuel from central production to fueling station in Greater vancouver
· Was held responsible for plotting fueling stations in Vancouver that produce Hydrogen coding in R
· Contributing to the research on automated cars and smart cities by offering my coding abilities

Tim Haahs and Associates   April 2015 - June 2015

Intern   *Blue Bell, Pennslyvania*

· Assisted in overseeing the construction site of the Parking Lot project in Pittsburg
· Led meetings with staff to discuss what they thought needed improvement in the company
· Assisted in managing and organizing documents

Y2 Academy   June 2016 - September 2016

Tutor   *North Wales, Pennslyvania*

· Tutored ages from elementary to high school in vocabulary and math
· Organized and created material for each lesson plan
· Created the schedule for each day for both teachers and students

PROJECTS

Android Transit Application

Programmed using Java

· Plotted all routes and bus stops in correct location and color coding each route to avoid overlap
· Parsed bus information from Translink of Buses and Routes by implementing a JSON parser
· Implemented bus times and highlighted where the closest stop was to the current location

Hydrogen Mapping Program

Programmed using R

· Programmed a program that mapped all the given hydrogen stations and storage facilities for hydrogen fueled automobiles in British Columbia
· Implemented the map so that it portrayed the capacity, type of hydrogen, region, and type of plant for each station/facility

SKILLS/ACTIVITIES

Programming Languages: Java, C++, Swift, R, Html

Experienced working in a team setting

Experienced at organizing projects and events

Vice President Communication UBC Environmental Science Students Association