## VISHAL DESH

### **Software & Robotics Engineer**

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Vancouver, BC Canada

% vishaldesh.com

github.com/VDeshh

## **EDUCATION**

### Master of Management

### **UBC Sauder School of Business**

Aug 2020 - 2024 (Expected) ♥ Vancouver, BC, Canada

 Currently enrolled in the dual degree for Bachelors + Master of Management.

### Bachelor of Science

### **University of British Columbia**

Aug 2019 - 2023 (Expected) 
 Vancouver, BC, Canada

• Year 4 - Computer Science.

### **EXPERIENCE**

# Teaching Assistant - CPSC, SCIE, DSCI, MDS University of British Columbia

## SEP 2020 - Present

♦ Vancouver, BC, Canada

- Taught 2 Computer Science Courses in Racket and Python and Master of Data Science courses
- Received perfect evaluation scores from all 90+ students in previous semesters in categories including teaching ability, communication, and preparedness.
- Led labs and office hours, curated course readings, and relayed student needs to professor.

## Software Engineer, Curated Analytics Team People's United Bank

**MAY 2021 - SEP 2021** 

- Pridgeport, CT, USA
- Analyzed data and found the percentage of customers who left after bank was acquired by M&T Bank.
- Quantified data in the customer retention model and classified them for each branch in CT.
- Collaborated with a team of 3 interns along with the curated analytics team.

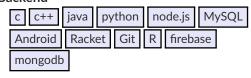
## Technical Team Lead, Control Systems UBC Mars Colony Design team

# JAN 2020 - Present

- ♥ Vancouver, BC, Canada
- Lead design and development of high and low-level control systems for a Sabatier reactor intended for use on Mars.
- Collaborate with the leadership team of 25 people to define project scope based on real-life circumstances, such as the advent of SpaceX's starship.
- Lead software and firmware subteams to design powerful reactor control solutions.

## **TECHNICAL SKILLS**

### **Backend**



#### Frontend

ontend					
HTML5	WordPress	R	eact	Bootstr	ар
jquery css ionic					
AutoCAD SolidWorks			embedded c		
Arduino	Zigbee				

### **PROJECTS**

### Sketch-Connect

google-cloud, css3, firebase, mongodb, express, javascript, nodejs, reactjs

- ♦ Vancouver, BC, Canada
- Inspired by the game exquisite corpse played in elementary school. This is a 4 player collaborative doodling game built with MERN Stack.
- CPSC 455 Industry Practices project going above and beyond with course material.

### **GitLOVE**

biwascheme, css3, firebase, firestore, ionic, javascript, nodejs, reactjs

₩ JUL 2020

- ♥ Vancouver, BC, Canada
- A 24-Hour hackathon project which was awarded second place overall!
- A progressive web app for users to match and send scheme snippets that are run on the other user's end.

### CoviDonate

### atlas, flask, mongodb, python, react

- ♦ Vancouver, BC, Canada
- A 24-Hour hackathon project which won first place overall! It is a A Web-App that displays local projects where users can donate money to help the charitable cause to fight COVID-19
- Learned how to send data back and forth between our custom API from the backend.