

EDUCATION

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| Edmonton, AB | University of Alberta | Sept 2018-Present |
| <ul style="list-style-type: none">• Major: Computing Science, B. Sc. (GPA: 3.5)• Specialization: Software Practice• Coursework: Algorithms & Data Structures, Databases, Test Driven Development, Software Quality and Maintenance | | |

SKILLS

~ **Programming Languages:** Python, C/C++, Java, JavaScript, HTML, CSS/Sass, RISC-V
~ **Frameworks:** React Native, Bootstrap
~ **Software testing tools:** Junit, Jacoco, JMeter, SonarQube, Spotbugs, Robotium
~ **Databases:** SQL, Google Firestore, Microsoft Azure cloud storage, Berkeley DB

EMPLOYMENT

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| Teaching Assistant, Part-time | University of Alberta | Jan 2021-Present |
| Course: Formal systems and Logic in Computing Science <ul style="list-style-type: none">• Work closely with the professor in setting the difficulty of the course.• Responsible for grading student assessments.• Keep track and reply to queries on class forum. | | |

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| IT Assistant, Intern | Prilyx R&D | Apr-May 2020 |
| Live Video processing using Machine Learning. <ul style="list-style-type: none">• Produced 15 e-learning modules (for security personnel) and increased onboarding efficiency by 100%.• Covered topics ranging from encryption to authentication services using step-by-step instructions.• Exercised Agile practices to ensure project is completed within allotted time.• Gained knowledge in workplace efficiency tools such as Jira, OneDrive, and Slack. | | |

SOFTWARE EXPERIENCE

Kitchen Dash ([GitHub](#))

- Developed a meal planning app in which users can upload recipes and view other user-generated recipes.
- Supervised a team of developers to produce working product within deadline.
- Incorporated Google Fire Store to store user data in the cloud.
- Provided simple and secure authentication using Google Authentication.
- Utilized: React Native, Firebase

Bookkeeping App ([GitHub](#))

- Developed an Android app that users can use to lend and borrow books from other users.
- Used Java in android studio to design and program the app for Android.
- Established a Google Fire Store database to store user information.
- Integrated GitHub and TravisCI to seamlessly collaborate and version control.
- Utilized: Java, Firebase, GitHub, TravisCI

Food-o-meter ([GitHub](#))

- Developed an app that helps you track daily calorie intake requirements.
- Used React Native framework to ensure app works in both iOS and Android.
- App features authentication and cloud storing
- Utilized: JavaScript, React, React Native, Firebase

Political AI chatbot ([GitHub](#)) (Hackathon project)

- Developed an AI chatbot well-versed in the politics of Canada.
- Integrated the python NLTK library to parse user queries and reply with up to 65% accuracy.
- Converted wiki pages into useful data for corpus using nltk tokenization.
- Utilized: Python, NLTK library, Numpy

LEADERSHIP AND EXTRACURRICULAR

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| ~ Software team member at Autonomous Robotic Vehicle Project at the University of Alberta | Dec 2020-Present |
| ~ Software team co-lead at Renewable Energy Designs at the University of Alberta | Sep 2019-Apr 2020 |
| ~ Co-curricular activities secretary at India International School, Kuwait | Jan 2017-Dec 2017 |

