

## SKILLS

C++, C, Racket (Functional), Bash, WebDev, MySQL, Jira, Hadoop, UML

## PROJECTS

### CC3K | Game based on Dungeons and Dragons / Rogue

- Worked on a team of three as a final project for OOP course.
- Made in C++ from scratch using the STL and key design patterns.

### Lights Out | Retro game implemented in C++

- Players objective is to turn off all the lights on an  $n \times n$  grid, where toggling a light toggles four of its neighbouring lights. Used the observer design pattern.

### 2048 Web-app UWaterloo Edition | The classic game with a twist

- Instead of doubling the numbers, the game cycles through the life cycle of geese. Made with JS and CSS.

### Food Finder | Hunger buster between or after classes

- Racket app to list suitable food locations, time to reach, and directions using Google Maps and UWaterloo APIs

### BlueSMS PathFinder | Navigate UMichigan with ease

- Web-app to help with navigating the huge UMichigan, Ann Arbor campus using complex bus system. Made with a team in MHacks 2016.

## EXPERIENCE

### Wipro | Data Science Intern ( June 2016 - Aug 2016 | India )

- Shadowed the Decision Analytics & Real Time Strategy project team on Airtel Campus, Biggest Telecom company with over 300M subscribers
- Learnt Hadoop, MapReduce, JIRA, Hive and Ab-Initio.
- Installed a single-node Hadoop cluster and played around with it.
- Stored and analyzed over 7TB/data of metadata accumulated under the team.

### Honeywell Automation | Trainee ( June 2015 | India )

- Trained on deployment and maintenance of Surveillance features in Smart cities.

## AWARDS

- Microsoft Tuition scholarship awarded in recognition of demonstrated passion for tech, academic excellence and leadership in 2017.
- The University of Waterloo President's Scholarship of Distinction awarded to students with admission average above 95% in 2016.

## EDUCATION

University Of Waterloo – Bachelors in CS Co-op, Expected Grad. May 2021

## COURSEWORK

Object-Oriented Software Development, Algorithm Design and Data Abstraction, Designing Functional Programs, Elementary Number and Set Theory, Probability, Physics

## VOLUNTEERING

### Economic Liberation Foundation | Teacher ( 2015 | India )

- Undertook initiative to teach students essential computer skills and created the coursework.
- Organized a week long economics workshop. Invited a post-graduate student from the Gokhale Institute of Politics and Economics, Pune to familiarize the children with concepts like Principles of Economics and Vedic Maths