

Arun Atchuthananthan

Toronto, ON | 647-929-3426 | [aruna6.github.io/arun-a](https://github.com/aruna6) | aatchuth@uwaterloo.ca | /in/arun-atchuthananthan

EDUCATION

University of Waterloo

Waterloo, ON

Bachelor of Computer Science

September 2021 - May 2026

- 3.98 (96.2%) GPA; enrolled in Advanced Computer Science stream
- Randall J. Howard Entrance Scholarship, President's Scholarship of Distinction

SKILLS

Languages: Java, Kotlin, HTML, CSS, Javascript, PHP, C, C++, Python

Technology: Bootstrap, React, Firebase, Arduino, SolidWorks, Tinkercad, Unity, Microsoft Office

LEADERSHIP EXPERIENCE

STEM Fellowship

Remote

Data Science Outreach Team Member

June 2021 - Present

- Reached out and recruited over 500 competitors and professionals for national data science events
- Facilitate partnerships between educational STEM programs and Data Science Committee leaders

Relay for Life, Canadian Cancer Society

Toronto, ON

Leadership Council: Logistics Captain

February 2020 - May 2021

- Raised over \$150,000 for cancer research over 2 annual events, both in-person and virtually
- Organized meetings, deadlines, finances, and outreach using digital tools including Microsoft Office
- Corresponded effectively with administration across school boards to facilitate student attendance

Robotics/Programming Instructor, Innovator

Markham, ON

SV Robotics Academy

June 2017 - March 2020

- Created and taught lessons on Arduino robotics, programming, and computer-aided design
- Conceived innovative robotics projects presented to 3 corporate partners and at 2 national exhibitions

PROJECT EXPERIENCE

2D Platformer

Toronto, ON

Creator

2020

- Implemented object-oriented programming concepts in Java to develop a custom platform-style game
- Created customizable UI and gameplay mechanics including difficulty, modes, and character design
- Integrated menu save-state options, in-game shops, and special events into the endless levels system

SnipQuiz

Waterloo, ON

Project Manager, Competitor @ Hack the North

September 2019

- Developed python based e-learning tool to convert textbooks/notes into adaptable 'active-recall' tests
- Enhanced software with web sharing and collaboration functionality within 48 hour agile workflow

Riera

Saint John, NB

Team Captain, Technology Lead @ Shad Canada

July 2019

- Coordinated high school team to develop a waste management startup during Shad Canada program
- Designed an organization website and digital outreach campaigns, reaching over 5 corporate partners
- Presented 40+ page business plan for the initiative and viable financial models using Excel