

Arun Atchuthananthan

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EDUCATION

University of Waterloo

Bachelor of Computer Science

Waterloo, ON

September 2021 - May 2026

- 96.2% Overall GPA
- Randall J. Howard Entrance Scholarship, President's Scholarship of Distinction

SKILLS

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

Technology: Bootstrap, Firebase, Arduino, SolidWorks, Unity, Microsoft Office, GitHub

PROJECT EXPERIENCE

2D Platformer

Toronto, ON

Creator

2020

- Implemented Java-based object-oriented programming in Scrum style to build custom platform 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 timeframe

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

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
- Facilitated partnerships between 10+ school 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 regularly with administration across 3 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 C.A.D. to over 50 students
- Conceived innovative robotics projects presented to 3 corporate partners and at 2 national exhibitions