

DYLAN WHEELER

Calgary, Alberta

Skills

Email: dwheeler1127@gmail.com | Mobile: (587) 859-0454

Software Development

Knowledgeable with a variety of programming languages, tools, and frameworks including Java, Kotlin, Python, C++, Git, Android Studio, Firebase, and React

Adaptability

Quickly able to learn new skills and adjust priorities to solve problems and better manage time

Communication

Shown through presentations, effective collaboration with teams, and interactions with peers

Education

Bachelor of Science, Computer Science

2018 - Present

University of Calgary

- Concentration in Software Engineering
- Cumulative GPA: 3.54 / 4.00
- Deans List (2019 - 2020)

Relevant Courses:

Design and Analysis of Algorithms - Focused on techniques for analyzing and designing efficient algorithms including greedy methods, dynamic programming, and divide-and-conquer practices

Computer Networks - Explored practices in modern computer communications and their applications through code

Data Base Management Systems - Covered database design and relational databases as well as implementation of SQL and noSQL databases

Experience

Gamemaster / Host

March, 2020 - Present

Zero Latency On Tilt

- Adapted to complications when operating virtual reality games for customers, creating a safe experience while valuing each individual's time
- Coordinated with team members to quickly organize and instruct groups of customers resulting in presenting an efficient and professional experience
- Kept detailed records of technical issues including software malfunctions and damage to physical equipment in order to remain proactive towards future problems

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Projects

PALZ (Android Application)

December, 2020 - January 2021

Canadian Organization for Undergraduate Health Research

- Mobile app to help patients with Alzheimer's disease better communicate about their daily routines with caregivers or doctors
- Developed in Kotlin using Android Studio with Firebase for database storage and user authentication

Throne Rooms (Android Application)

February, 2020

Calgary Hacks 2020

- Designed to help differently abled persons or those who require specific facilities to find a suitable nearby bathroom on campus
- Developed in Java using Android Studio

Recyclr (Desktop Application)

February, 2019

Calgary Hacks 2019

- Winner of third-place overall prize
 - Created under the themes of Artificial Intelligence and Internet of Things: Sustainable Cities
 - Application to help process and correctly dispose of different categories of waste
 - Uses the python OpenCV library to process barcodes from provided images in order to display correct disposal of an item such as through recycling or compostable means
 - User interface developed using Java with Python used to read and process images
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Interests

Music

Performs at venues throughout the city on occasion and dedicates time to practicing new pieces while creating original songs at home. Volunteers occasionally at the campus radio station helping to organize and catalogue incoming music.

Volunteering

Have volunteered regularly with a variety of local organizations such as the above mentioned campus radio station, helping to involve young women in science, assisting summer camps at a local recreation center, and guiding visitors at Beakerhead, a Calgary-based science and arts festival.