Patrisha de Boon

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University of Alberta Academic and Co-op Status

Computer Engineering: Software, BSc Co-op	Class of 2021
Cumulative Grade Point Average	3.4/4.0
Completed Academic Terms	8 of 9
Next Available Work Term	Full Time Availability Starting Jan 2022

Educational Achievements

Nominated for PCL Student Leadership Scholarship	Summer 2019
Dean's Honour Roll	Winter 2017
President's Honour Roll	Fall 2016
Top Grade 12 IB Academic Student in LTCHS	2016

Work Experience

Software Developer Student
PCL, Edmonton, AB   Sep 2020 – Aug 2021
- Developed code for 5 different Xamarin mobile applications.
- Developed code for 2 different Angular websites.
- Developed code for 4 different servers in ASP .Net, and .Net Core, including creating and modifying REST API endpoints.
- Integrated REST API calls from an external company.
- Integrated mobile application with external relay hardware.

Undergraduate Teaching Assistant for CMPUT 274/275
University of Alberta, Edmonton, AB   Sep 2018 – Apr 2021
- Held office hours to assist students with course content which focused on Python and C++

Technical Solutions Analyst Student
PCL, Edmonton, AB   Jan 2019 – Sep 2019
- Developed an Add-In for an external program to extract data from 3D models to support tracking and visualizing design progression.
- Developed a website that used external APIs to extract version history and create an embeddable parameterized 3D model viewer.
- Created presentations to explain, demo, and discuss projects

Youth Social Media Intern
Alberta Computers for Schools, Edmonton, AB   Sep 2018 – Apr 2019
- Worked with HTML and CSS to add to the company website.
- Managed 4 different social media accounts.

Computer Repair Technician
Alberta Computers for Schools, Edmonton, AB   Apr 2018 – Aug 2018
- Diagnosed and repaired issues with hardware and software through research and manufacturer manuals
- Recycled equipment and repurposed hardware from recycled systems.

Computer Experience
- C#, C++, JavaScript, Typescript, HTML, SQL, CSS, Python, Java, Kotlin, MatLab, LaTeX
- ASP.NET, Angular, Xamarin
- Designing and using REST APIs
- Git, GitHub, and Azure DevOps
- Ubuntu and Windows 7, 8, and 10
- Word, Excel, PowerPoint, and OneNote
- Assembly, disassembly, and repair of laptop and desktop computers

Volunteer Experience

Race Official, Timing & Scoring, Communications
NASCC, Edmonton, AB   2019-2021

Volunteer Event Coordinator
LTCHS, Red Deer, AB   2014-2016

Volunteer Server
Loaves and Fishes, Red Deer, AB   2014-2016

Extracurricular Activities
- Participated in every HackED hackathon since 2018. Won 3rd place overall in 2018 with a team for creating a game using the SDL2 framework in C++
- Participated in the UofA Problem Solving Club, and attended multiple Programming Contests with this club
- Participated in HackED Beta 2017

Hobbies
- Develop and practice coding related skills through projects in and out of classes. More information about these projects is available at https://patrisha-de-boon.github.io/portfolio
- Enjoy tabletop, console, and PC gaming
- Enjoy bouldering and indoor rock climbing

Other
- Class 5 drivers' license with clean abstract
- Completed 4 years of High School Spanish
- Participated in an Exchange program to Spain in 2015/2016

References
Available Upon Request