Nathan Poon Computer Engineering Student

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EDUCATION

University of British Columbia **September, 2018 - Present**
Bachelor of Applied Science - Computer Engineering, 2nd Year

ENGINEERING STUDENT TEAMS/CLUBS

BEAR UBC Prosthetic Arm Design Team **September, 2019 – Present**
Software sub-team member
- Collaboratively fleshed out the main body of code used in the Raspberry Pi and the Nucleo Board
- Received further experience with C++, as well as began learning Python
- Communicated frequently with fellow programmers, as well members of the electrical and mechanical sub-teams, and team leaders
- Accounted for the capabilities and limitation of the hardware, and also communicated what the software can and cannot do

AMS Game Development Association **October, 2018 – April, 2019**
Programmer
- Worked with other club members to make the game *Klaymation*
- Gained some exposure to Unity and C#, as well as source control tool Bitbucket

TECHNICAL SKILLS

Object Oriented Programming
- Java, learned about testing (through Junit), data structures and basic algorithms through university
- C++ and C, currently learning in university, and applied basics in design team

Source Control
- GitHub, used for collaboration with teammates in courses and projects

Data Modelling
- MATLAB, received instruction in conjunction with introductory linear algebra course

Microsoft Office
- PowerPoint, Excel, and Word

WORK EXPERIENCE

GDM Pipelines, Calgary, Alberta **May, 2019 – August, 2019**
Document Technician
- Scanned and sorted confidential historical documents relating to pipeline placements, processing several years' worth of data, totaling in excess of 4,800 files
- Communicated regularly with my manager and co-workers in order to deliver consistent and accurate documents

Medicine Shoppe Pharmacy, Calgary, Alberta   **July, 2017 – August, 2017**
Pharmacy Assistant
• Stocked medicine, counted pills, manned the cash register, and assisted with other miscellaneous tasks
• Conducted myself with professionalism, meticulousness, and courtesy

VOLUNTEER EXPERIENCE

Rockyview General Hospital, Calgary, Alberta   **August, 2017 – August, 2018**
Friendly Visitor
• Visited patients and provided them company
• Engaged in conversations with a diverse set of people of varying abilities and backgrounds, in which I strove to listen to and support patients

Ho Macneil Law Office, Calgary, Alberta   **July, 2016 – August, 2016**
Filing Assistant
• Sorted through around three years' worth of legal documents

AWARDS

Duke of Edinburgh Award, Bronze, Silver Levels   **2016**
• The award recognizes achievement in extra-curriculars, physical recreation, and community service

MISCELLANY

Class 5 Alberta driver's license