Angela Ranola

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EDUCATION

Bachelor of Science, Computer Science   **(April 2019)**
University of Calgary

- Concentration in Information Security
- Jason Lang Scholarship (2015-2017)

RELEVANT COURSES

- Java Programming
- Python Programming
- Data Structures and Algorithms Analysis
- Software Analysis and Design
- Design and Implementation of Database Systems
- Database Management Systems
- Programming Paradigms
- Human-Computer Interaction
- Software Entrepreneurship
- Web-Based Systems

TECHNICAL SKILLS

Programming Languages

- Java, Python, C#, SQL, XML, HTML, JavaScript, jQuery, CSS, VB, LaTeX, Haskell

Tools and Applications

- Git, Visual Studio Team Services, Team Foundation Server, Android Studio, Visual Studio, .NET Framework, SQL Developer, SQL Server Management Studio, SQL Server Reporting Services

Operating Systems

- Linux, Mac OSX, Windows

ADDITIONAL SKILLS

- **Individual worker and team player:** Collaborated with peers and colleagues for various projects and assignments
- **Articulate writer:** Completed documentation for code and manuals for applications
- **Problem-Solving:** Developed and implemented several programs for school and work

WORK EXPERIENCE

Student Developer   **January 2018 – Present**
Canadian Natural Resources Limited

- Developed and maintained applications used by field operators
- Implemented new features and bug fixes for existing VB.NET applications

- Contributed to the development of a new ASP.NET MVC web application
- Worked with databases using SQL Developer and SQL Server Management Studio
- Created instruction manuals for applications and documentation for SQL procedures
- Provided technical support to the field operators

RELEVANT PROJECTS

ToolShare (Android application)   **September – December 2018**

- Lead developer of an Android application where users can rent out their tools, as well as rent other users' tools
- Implemented a large portion of the application including database integration, backend code and UI
- Worked in a team consisting of three developers and two business analysts
- Presented several pitches as well as demos of the application
- Involved requirements gathering and coordination with the business analysts

WARD (ASP.NET web application)   **April – October 2018**

- Developed a web application for the risk assessment of wells which were previously managed on an Excel spreadsheet
- Leveraged the MVC architecture for the development of the application
- Worked in a team consisting of three developers
- Participated in regular meetings to discuss the remaining work, as well as business user feedback
- Strengthened my skills with web applications, HTML, JavaScript and jQuery

GOR Manager (VB.NET application)   **January – August 2018**

- Implemented new features to an existing VB.NET application
- Implemented changes to the database
- Created reports using SSRS
- Strengthened my skills with the .NET framework and SQL

Shuttr (C# WPF application)   **September – December 2017**

- Contributed to the development of a photography social networking site where users can post photos, contribute to discussion threads, like photos and more
- Worked in a team consisting of four members, with regular meetings
- Involved presentations showing our progress, including low-fidelity prototypes and a final demo of the application