Angela Ranola

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https://arnla.github.io/angela-ranola/

EDUCATION

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

- Concentration in Information Security
- Jason Lang Scholarship

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

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

Tools and Applications

- Git, Visual Studio Team Services, Team Foundation Server, IntelliJ IDEA, WebStorm, Android Studio, Visual Studio, SQL Developer, SQL Server Management Studio, SQL Server Reporting Services

Operating Systems

- Linux, Mac OSX, Windows

WORK EXPERIENCE

Student Developer, Field Operations   **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 new ASP.NET MVC web applications
- 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

WellNote (ASP.NET web application)   **February 2019 – Present**

- Currently rewriting a Microsoft Access VBA application into an ASP.NET MVC web application
- Acting as a full stack developer working on the front end and back end
- Completed requirements gathering and data model design

ToolShare (Java 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

ADDITIONAL SKILLS

- **Motivated student:** Excited and dedicated to learning new 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