Angela Ranola

Calgary, AB
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

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

Tools and Applications

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

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 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 (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

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
- Involved presentations showing our progress, including low-fidelity prototypes and a final demo of the application

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