Aidan Kelly

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Experience

SeisWare International Inc. | Junior Software Developer and Coop Supervisor Calgary, AB
C++, C#, Qt November 2021 - Present

- Maintains and develops core features in SeisWare, utilizing C++, Qt, and C#.
- Designed and implemented a custom triangulation algorithm to visually display 3D geological fault data.
- Participates in the architectural design process in various parts of the product.
- Assists with interviewing and hiring of co-op student positions at the company.
- Managed a team of four co-op students, ensuring they understand the code base and helping them refactor existing client-facing API.

C4i Training and Technology | Junior Developer and DevOps Calgary, AB
C#, WPF, PHP, Azure, MSSQL August 2020 - November 2021

- Implemented and tested features with C# and WPF to build management software for military use as a part of an agile team.
- Collaborated with senior developers in architectural design sessions and then presented proposed architectures to the rest of the development team.
- Analyzed and resolved technical issues throughout the company and participated in scheduled server maintenance.
- Individually deployed and managed a Moodle installation hosted on a virtual machine. Personally integrated the Moodle Learning Management System with the existing code base.

Precision Drilling | Computer Science Intern Calgary, AB
Python, Pandas, MSSQL, PowerBI May 2019 - August 2019

- Analyzed data from drilling rigs in order to identify key performance indicators using Python and Pandas.
- Automated existing workflows with Python to increase team productivity.
- Maintained a production SQL database containing drilling information and used PowerBI to visualize the data.

Certifications

Certified ScrumMaster (CSM) July 2022
Microsoft Azure Fundamentals June 2021

Education

University of Calgary August 2015 - April 2020
B.S. in Computer Science 3.16 GPA, Dean's List 2019/2020