Sean Hoey

Developer & Analyst

Self motivated and highly communicative. Enjoys engaging with co-workers to scope and implement process improvements. Critical thinker with a programming background.

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WORK EXPERIENCE

Data Developer
Universal Geomatics Solutions Corp.

09/2018 - Present

Achievements/Tasks

- **SAP Business ByDesign ERP Implementation**. Engaged in data migration, process flow analysis, scoping, training, documentation, support, reporting, and continuous improvement. Project Coordinator and SME. Regular consultations with third parties to guide future feature development.
- **Methane Emission Compliance reporting system**. Designed, built, and maintained a reporting system involving ArcGIS Online, Azure SQL, FME, Power BI, SharePoint, and a custom C# coded PDF generator. System designed to manage over 1400 sites across Canada.
- **Developed multitude of C# and WPF based desktop tools** for company processes. Interfaced primarily with MySQL databases, and various Microsoft Graph APIs.
- **Improved GIS processes and automation** through ArcGIS Pro SDK plugin development and ETL scripted updates from third party data.
- **Evaluated innovation projects for SR&ED grant eligibility** (Scientific Research and Experimental Development).

Contact : Audur Blondal

Office Clerk
Sundance Lake Residents Association

06/2016 - 08/2018

Achievements/Tasks

- High member satisfaction. Handled payments, registrations, rentals, and community engagement for over 3000 households.

Contact : Terri Sinclair

Merchandiser and Entertainment Associate
Future Shop / Best Buy

09/2008 - 09/2015

Achievements/Tasks

- Contributor to 1 Best of Canada and 14 Best of District and store banners. Outstanding sales, loss prevention, and vendor-focused merchandising.

Contact : Jarvys Thomson-Laporte

EDUCATION

Computer Science (BSc)
University of Calgary

09/2014 - 04/2018

Notable Courses

- (CPSC 527) In a controlled environment, developed a virus on FreeBSD using C. Then, developed an antivirus in C++ to detect and disinfect my virus as well as my classmates viruses.
- (CPSC 471) Built a music sharing database behind a website. Features included review, rate, recommend, moderate and administrate. Usage of HTML, PHP, CSS, SQL.

TECHNICAL SKILLS

C# | WPF | Python | Powershell
ArcGIS Pro SDK | SAP | ERP | SQL
Microsoft Office | AWS S3 | Git
FME | Visual Studio | Power BI
Postman | Azure | SharePoint
Power Automate | ETL | .NET

PERSONAL PROJECTS

Gaming Team Leader, Website Designer and Administrator (01/2008 - 12/2014)
- Operated a gaming team and built a website. Included HTML home page with embedded Flash. Implemented phpBB3 forum board, customized and administered.

Network Tool (06/2022 - 07/2022)
- Pulled common network debugging information into a friendly UI.

UGS Tech Center Newsletter (01/2019 - 09/2019)
- Wrote technical newsletters for coworker consumption.

ORGANIZATIONS

UGS Health and Safety Committee
Office Worker Representative

VistaVu Customer Council
Panelist

SOFT SKILLS

Critical thinking | Engaged Learning
Public Speaking | Time Management
Communicative | Organized
Creative | Problem Solving
Active Listening