

Sean Hoey

Software Developer & Business Analyst

A self motivated, reliable, critical thinker, who is highly communicative. Enjoys engaging with co-workers to solve difficult problems.

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WORK EXPERIENCE

Data Developer

Universal Geomatics Solutions Corp.

09/2018 - Present

- **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# PDF generator. System designed to manage over 1400 locations across Canada.
- **Developed multitude of C# and WPF based desktop tools** for company processes. Interfaced primarily with MySQL databases, various Microsoft Graph APIs, and AWS S3.
- **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).

Office Clerk

Sundance Lake Residents Association

06/2016 - 08/2018

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

Merchandiser and Entertainment Associate

Future Shop / Best Buy

09/2008 - 09/2015

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

EDUCATION

Computer Science (BSc)

University of Calgary

09/2014 - 04/2018

- (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.

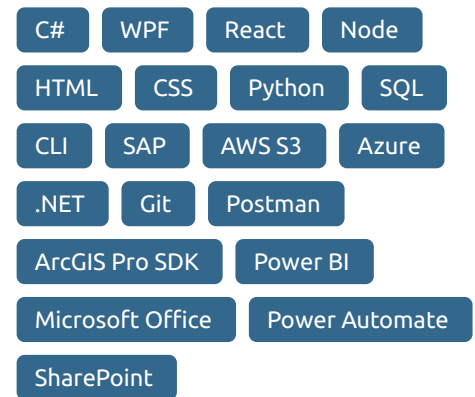
Complete Web Developer 2023

Zero To Mastery

05/2023 - 07/2023

- Built a website, server, and database to handle user authentication. Users can use an API to detect faces in images.

TECHNICAL SKILLS



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. 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

UGS Innovations Team

VistaVu Customer Council

SOFT SKILLS

