Cameron Swan

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GEOMATICS AND PROGRAMMING SKILLS

Technical

- Experience working with several programming languages in school and in industry including:
    - JavaScript / React
    - HTML
    - CSS
    - Python
- Experience working with GIS software including:
    - ArcGIS Pro
    - ArcGIS Online
    - QGIS
    - QuikCapture / Survey123 / Field Maps
- Experience creating and maintaining both SQL and noSQL databases including:
    - MongoDB
    - PostgreSQL
    - Oracle

Transferable

- Experience writing technical documentation and reports for projects through both school and in industry.
- Managing a team of developers and ensuring projects are completed on time.

EDUCATION

Centre of Geographic Sciences (COGS - NSCC), Nova Scotia - *GIS Graduate Certificate*

SEPTEMBER 2023 - MAY 2024

Nova Scotia Community College (NSCC), Nova Scotia - *IT Web Programming Diploma*

SEPTEMBER 2021 - APRIL 2023

Dalhousie University, Nova Scotia - *Bachelor of Computer Science*

INCOMPLETE - 96 CREDIT HOURS OBTAINED

WORK EXPERIENCE

Full-Stack Developer

Seat of My Pants Productions - *Halifax, NS*

APRIL 2022 - AUGUST 2023
- Created, tested, and maintained both a production and development database that stored both company and client data.

- Designed and developed a web application displaying current and future projects the company is working on, utilized the MERN stack and became familiar with all levels.

- Lead a team of developers in both the development, testing, and maintenance of multiple web based applications that meet all project requirements and deadlines.

Co-op Software Quality Assurance Engineer

Modest Tree Media - *Halifax, NS*

SEPTEMBER 2020 - DECEMBER 2020
- Tested, demonstrated, and delivered a VR simulation software to clients in the Canadian Navy and DND.

- Maintained a virtual conference platform called Distantly where clients could host events online with video, live chat, and virtual booths.

- Worked in a small team to evaluate and troubleshoot all products in development at Modest Tree during my co-op work term including: Xplorer, LEAF, Distantly, and Tech Companion.

Co-op Business Data Analyst

Government of Nova Scotia - Department of Internal Services - *Halifax, NS*

MAY 2019 - AUGUST 2019
- Developed and implemented a sorting and comparing algorithm to create and keep a list of servers up to date.

- Designed and created a website using HTML, Javascript, and CSS to display in an accessible way projects I have completed.

- Created an in-depth document depicting the data center for ease of access, showing where physical servers are, cable management, and server owners.

AWARDS AND CERTIFICATIONS

- Esri: GIS Basics, ArcGIS Pro Basics, ArcGIS Online Basics, Building Geoprocessing Models
- Cisco: Intro to Networking and Security, NDG Linux Essentials
- Other: WHMIS, OH&S, Saint John's Ambulance First Aid