

LACHLAN CAMPBELL

COMPUTER SCIENTIST, B.C.S



WORK EXPERIENCE

Aug 2021
-
Present

ASSOCIATE SCIENTIST at Abbott - Point of Care Diagnostics

📍 Ottawa

I work on a small team of developers in research and development, writing code for production and internal R&D software. Working primarily using C#, WPF, and .NET, T-SQL, C++, and C.

My duties included:

- Enhancing functionality of current R&D software.
- Developing new software tools and systems for R&D teams.
- Converting embedded code objects to XML for production and R&D use cases.
- Writing validation documentation and developing testing methodologies.
- Working with embedded C and C++ code.

Sept 2019
-
June 2020

TEACHING ASSISTANT at Carleton University

📍 Ottawa

Contractor for COMP 2406 (Web Development) and COMP 2501 (Game Design & Development) My duties included:

- Holding weekly office hours for student consultation
- Developing small demos for students to grasp concepts
- Marking assignments and midterms
- Proctoring Midterms
- Conducting weekly tutorials

Apr - Aug
2018

MARKET RESEARCH INTERVIEWER at Elemental Data Collection

📍 Ottawa

I worked in a team of Market Research Interviewers. My duties included

- Conducting a variety of surveys in a unbiased manner
- Ensuring demographic quotas were met

Sept 2016
-
June 2018

TEACHING ASSISTANT at Carleton University

📍 Ottawa

I was on contract for 6 consecutive semesters for COMP 1005/1405 (Intro to Computer Science) and COMP 2401 (Intro to Systems Programming). My duties included:

- Holding weekly office hours for student consultation
- Marking assignments and midterms
- Answering student emails and forum posts
- Proctoring midterms
- Conducting weekly tutorials



PROJECTS

CENTRALIZED ANALYSIS TOOL at Abbott Point of Care

I was one of the lead developers, designing and implementing a centralized analysis tool for use in the whole Abbott Point of Care organization. This tool spanned multiple technologies and architectures and allowed me to explore and implement: database design (Transact SQL), CRUD tool creation, server deployment, web service implementation (SOAP), and much more.



EDUCATION

2015 - 2020

COMPUTER SCIENCE B.C.S MAJOR at Carleton University

📍 Ottawa

Graduated, June 2020

REFERENCES

CONTACT ME THROUGH [FOLIO.DOXXUS.CA](https://folio.doxxus.ca)
FOR REFERENCES AND FULL CONTACT
INFORMATION

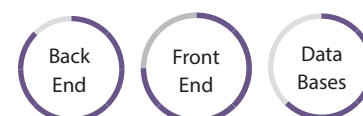


WHY ME?

I'm a proficient computer scientist with a solid background in software development concepts. I am a skilled programmer and a diligent worker intent on broadening my experience. With 9 years of programming experience in a variety of languages, I'm keen to learn new languages, tools and technologies and I pick them up quickly. I'm eager to prove my worth to an industrial employer. Working at Abbott has given me a deeper insight into production and embedded software and has allowed me to learn new technologies, skills, and languages.



SKILLS



C++	●	●	●	●	●
C	●	●	●	●	●
C# / .NET / WPF	●	●	●	●	●
SQL / T-SQL	●	●	●	●	●
JS / Typescript	●	●	●	●	●
Svelte / Node.js / Express.js	●	●	●	●	●
HTML / CSS / Tailwind	●	●	●	●	●
Java	●	●	●	●	●
R / R Shiny / Plotly	●	●	●	●	●
Python / NumPy	●	●	●	●	●
Tensorflow	●	●	●	●	●
SVN / Git	●	●	●	●	●
IBM Rational Synergy	●	●	●	●	●
Windows Environment	●	●	●	●	●
Linux Environment	●	●	●	●	●
Visual Studio	●	●	●	●	●
Adobe Photoshop	●	●	●	●	●
Adobe InDesign	●	●	●	●	●
Microsoft Excel	●	●	●	●	●
LaTeX	●	●	●	●	●
Documentation / UML	●	●	●	●	●

CONTACT INFO



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github.com/Doxxus