CAMERON EWING

An enthusiastic, result-driven professional with strong programming skills and a desire for continuous learning and improvement. Creative and resourceful with a high standard for quality. Passionate about leveraging technology to solve real-world problems and make a positive impact.

CONTACT

- Ottawa, ON
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EDUCATION

COMPUTER ENGINEERING TECHNOLOGY

Algonquin College, Ottawa, ON
2021 - 2024
*Graduated with Honours; CGPA 3.64 / 4.0

B.A. POLITICAL SCIENCE, HONOURS

Carleton University, Ottawa, ON
2018 - 2021
*Transferred to Computer Engineering

HIGH SCHOOL DIPLOMA

Merivale High School, Ottawa, ON
2014 - 2018

INTERESTS

OUTDOORS
Fishing, camping, and hiking

SPORTS ENTHUSIAST
Hockey player and fan

CULINARY EXPLORATION
Cooking and eating out

TINKERING
Creating and developing IoT devices

EXPERIENCE

YARD OPERATOR

Perma-Pipe Canada | Vars, ON | August 2024 - Present

- Tele-handler and forklift operator; Class 7 forklift certification
- Two-axis CNC fast wire machine operator

JUNIOR IT DEVELOPER (CO-OP)

Canada Revenue Agency | Ottawa, ON

September 2022 - December 2022 | May 2023 - December 2023

Worked as part of the Web Application Security team ensuring that all Information Technology Branch web applications comply with the CRA Standard for Web Application Security.

- Used technology such as Java Enterprise, Eclipse IDE, SQL, HTML, Apache ANT, Git, WebLogic Server CLI, and Struts 2
- Maintained the team's primary application, which routinely cross-references CVEs from the National Vulnerabilities Database with all CRA web applications
- Helped develop an application for training CRA developers on common cybersecurity vulnerabilities
- Set up a production and development WebLogic Server on Red Hat Enterprise Linux used to test and host applications entirely through CLI and SSH
- Developed a tool that displays internal structure information for employees in the IT branch

SILVICULTURE SPECIALIST

Folklore Contracting | Prince George, BC

May 2020 - August 2020 | April 2021 - August 2021

GREENSKEEPER

Hylands Golf Course, Canadian Forces Support Group | Ottawa, ON

April 2019 - November 2019

PRODUCE CLERK

Moncion's Your Independent Grocer | Ottawa, ON

September 2018 - July 2019

ACADEMIC PROJECTS

CAPSTONE PROJECT
- Built a dynamic foreign currency trading simulation website that provides real-time currency data, specializing in educating traders on the correlation method of trading
- Built to client specifications using JavaScript, HTML, CSS and hosted using Amazon Web Services

COMPILER PROJECT
- Designed and built the front-end of a compiler in ANSI C including the lexical analyzer, syntactic analyzer, and semantic analyzer
- Used logic such as Automata theory and grammar parsing
- Practised core programming concepts such as object-oriented programming, data-structures, and sorting algorithms

PERSONAL PROJECTS

SMART HOME ECOSYSTEM
- Developed and built using Raspberry Pi, ESP32s, various hardware components, and 3D-printed elements.
- The system uses IoT devices to automate and control home functions

PORTFOLIO WEBSITE
- Created using HTML, CSS, and JavaScript. Hosted on Raspberry Pi

CUSTOM DISCORD BOT
- Developed to enhance the Discord experience with a variety of features
- Plays audio in voice channels directly from YouTube videos
- Triggers a sound notification whenever someone joins a voice call
- Includes interactive games such as Battleship

TECHNICAL SKILLS & KNOWLEDGE

PROGRAMMING LANGUAGES
Java, C, C++, C#, COBOL, SQL, JavaScript, Python, HTML, CSS, PHP, Assembly, R Language, BASH

OPERATING SYSTEMS
Windows, QNX Neutrino, Linux (Ubuntu, Debian), MacOS

TOOLS & TECHNOLOGIES
Eclipse IDE, Visual Studio, Git, JIRA, VMWare Workstation, Microsoft Suite, Google Workspace, Microsoft Azure, Amazon Web Services, QNX Momentics, Node-RED

FRAMEWORKS
.NET, Struts 2, Node.js, WebLogic Server, React, Apache ANT, JEE

NETWORKING
Subnetting, Routing protocols

SOFT SKILLS

COLLABORATIVE SKILLS
Able to clearly and effectively communicate and cooperate via verbal or written methods with co-workers and management in a team environment.

ANALYTICAL SKILLS
Strong analysis and critical thinking skills to solve complex problems.

ORGANIZATIONAL SKILLS
Use of time-management tools and strategies to effectively schedule and complete tasks on time.

PERSONAL GROWTH
Desire to learn, research, and continually improve personal and technical skills to be a better coworker, and employee.

REFERENCES

MARGARET HENG
Team Lead
Canada Revenue Agency
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JORDAN SCRIBNOCK
Tree Planting Foreman
Folklore Contracting Ltd.
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