

EMILY MEDEMA

COMPUTER
SCIENTIST

CONTACT

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OBJECTIVES

I am a team-oriented, solution-focused student searching for a 4 or 8 (preferable) month Co-op position that will help me gain experience, and hone my problem-solving skills.

SKILLS

- Communication
 - English Native Speaker
 - Conversational French
- Problem Solving
- Adaptability

TECHNICAL SKILLS

- Programming Languages
 - Java, Python, JavaScript (including React and Node), SQL, PHP, R, HTML/CSS, VBA, Swift, MIPS Assembly
- Data Analytics and Machine Learning
- Database Design and Administration
- Tools
 - Eclipse, Git, Wireshark, JetBrains IDEs, Android Studio, XCode, JUnit/PyUnit Testing

EXPERIENCE

SOFTWARE DEVELOPER

UNIVERSITY OF BRITISH COLUMBIA OKANAGAN | SEPT 2019 - PRESENT

- Developing a web application, Kukarella, that provides an online Voice-to-Text, Text-to-Voice platform. Primarily working in React.js, Node.js, Firebase, and AWS.
- Primarily develop new features, fix various bugs, and perform testing.

RESEARCH ASSISTANT

UNIVERSITY OF BRITISH COLUMBIA OKANAGAN | SEPT 2019 - APRIL 2020

- Developing a mobile application to integrate the Internet of Things and better data visualization, visioning and analytics algorithms into Patient Health Platforms to improve patient experience.

TEACHING ASSISTANT

UNIVERSITY OF BRITISH COLUMBIA OKANAGAN | SEPT 2019 - APRIL 2020

- Provide additional instruction and support to students in the Computer Science faculty.
- Mark and give feedback to students on assignments and tests, which involves knowledge on the language, syntax, and occasionally proofs.

HELP DESK INTERN

TOLKO INDUSTRIES LTD. | VERNON | MAY 2017 - AUG 2019

- Offered solutions to operations issues for users of Tolko's enterprise system and various applications such as Microsoft Office, working closely via phone, email, live chat and web teleconference with end users.
- Responded to support tickets within 1 hour which improved customer service.
- Kept customers informed about issue resolution progress and updated estimated times of resolution on ongoing basis.

EDUCATION

BACHELOR OF SCIENCE: COMPUTER SCIENCE

UNIVERSITY OF BRITISH COLUMBIA OKANAGAN | 2017 - PRESENT

GPA: 4.0

Majored in Computer Science and minored in Data Science

Dean's List Winter Semester 2017/18 and 2018/19

Elected to VP Finance for Quantitative Sciences Course Union in 2018/2019

Elected to Vice President for Quantitative Sciences Course Union in 2019/2020

Main subjects: Software Engineering, Machine Learning, Project Management, Introduction to Networks, Sampling and Experimental Design, Introduction to Databases, Web Programming, Introduction to Data Analysis, Algorithms, Discrete Mathematics in Computer Science, Data Structures, Machine Architecture, Human Computer Interaction, Computer Programming.

AWARDS & CERTIFICATIONS

IRVING K. BARBER WOMEN IN TECHNOLOGY

SCHOLARSHIP

SEP 2018-2019

TOP WEB/DATABASE DESIGN PROJECT

2019