

Jacob Sehl

EXPERIENCE

Technical / Development Lead for ChemAR

Dalhousie University, Department of Chemistry

Sep 2023 - Dec 2023 | ♀Halifax NS

- Orchestrated the development of an augmented reality 3D chemical compound viewing tool, setting and achieving weekly sprint goals consistently.
- Led an Agile development team, fostering collaboration among senior and junior developers to ensure project success.
- Cultivated a strong client relationship, proactively updating them on project status and adapting project objectives based on feedback.

Senior Developer for ChemAR

Dalhousie University, Department of Chemistry

Jan 2023 - Apr 2023 | ♀Halifax NS

- Developed numerous user stories, actively engaging in pair-programming sessions to mentor junior developers.
- Leveraged Node.js and Three.js to create a responsive web application for augmented reality chemical compound visualization via mobile phone cameras.

Control Associate - Seasonal

Bell

May 2022 - September 2022 | ♀Mississauga ON

- Managed a database of technicians, promptly addressing their daily requests and facilitating smooth operations.
- Built and sustained strong relationships with colleagues and management.

Sales Representative

Cellcom

November 2019 - May 2020 | ♀Mississauga ON

- Maintained thorough knowledge of products and services to accurately recommend correct offerings.
- Created customer databases with detailed notes to review on future calls in order to cement relationships with key clients and maintain revenue streams.
- Consistently exceeded monthly targets by 15%

EDUCATION

Bachelor of Computer Science

Dalhousie University

2019 - 2024 | ♀Halifax NS

- Completed a minor in Mandarin Chinese to enhance cross-cultural communications skills and to cultivate a global perspective.

CONTACT

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SKILLS & INTERESTS

Technical Skills: Data Structures & Algorithms, Database Management (MySQL), UI/UX Design (Adobe XD, Figma)

Languages & Frameworks: Proficient in Javascript (Node.js, React), Java, HTML/CSS, SQL, Python, Rust and some linux

Other Skills:

Version Control: Git
Continuous Integration/Deployment (CI/CD)
Agile Methodologies: Scrum, Kanban

LANGUAGES

English

Mandarin Chinese (Moderate proficiency)