Sophie Chai

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EDUCATION

University of British Columbia   Vancouver, BC
Bachelor of Science in Computer Science, Major (GPA: 88+)   *Sep. 2021 – Apr. 2023*
- Dean's List for Fall 2021 (2 terms).
- Graduating 2023.

Okanagan College   Kelowna, BC
Diploma in Computer Science (GPA: 95+)   *Jan. 2019 – Aug. 2021*
- Dean's List for Fall 2019 and 2020 (4 terms total).

EXPERIENCE

Junior IT Support Analyst (Worklearn)   Sep. 2021 – Present
University of British Columbia, Dept of Psychology   *Vancouver, BC*
- Provide remote and in-person IT support for students, staff and faculty through ITSM ServiceNow help desk support system.
- Monitor Enterprise Active Directory (EAD) access for users, Exchange (ECP) to administer mailboxes.

Support Analyst Intern   May 2021 – Aug. 2021
Regional District of Central Okanagan   *Kelowna, BC*
- Maintaining RDCO computer network and security and providing IT support to 3rd party organizations (tenants) through Zendesk.
- Configuring and installing new systems and maintaining application documentation.

Software Engineering Intern   Sep. 2020 – Apr. 2021
ESD Simulation Training   *Kelowna, BC*
- Developed Reciprocal and Screw Compressor simulations using C#, Java, XAML, and F#.
- Built most of the components and linked them with the statemanager.

PROJECTS

Personal Website | *HTML, CSS, Javascript/JQuery, PHP*   Jul. 2022
- Created personal website to showcase resume.

Meeting Planner Website | *React, MongoDB, Express, HTML, CSS, Javascript*   May. 2022
- Inspired by When2Meet website, with an improved UI with elevated functionality like importing and saving calendars.

Recipe Website | *React, MongoDB, Express, HTML, CSS, Javascript*   May. 2022
- Developed frontend using React components built from scratch and external libraries.
- Applied RESTful APIs protocols to provide operations between the fronted and the server.

InsightUBC Full Stack Development | *Typescript, Javascript, Node.js, Yarn, Chai, Mocha, Git*   Jan. 2022
- Developed a full stack to allow users to perform tasks required to run UBC and to enable effective querying of the metadata from around campus.

Reciprocating Gas & Oil-Injected Screw Compressor Simulations | *C#, F#, XAML, BitBucket*   Aug. 2019
- Developed a web application using XAML as the frontend.
- Visualized BitBucket data to show collaboration.

MineSweeper | *Java, JavaFX*   Aug. 2019
- Developed a MineSweeper interface with additional functionality to restart and store results.
- Hooked up the UI (JavaFx) with the backend (Java).

TECHNICAL SKILLS

Languages: Java, Python, C#, JavaScript/Typescript, HTML, CSS, F#, Bash scripting, Visual Basic (.NET)
Frameworks: React, Bootstrap, Chai, Mocha, Express/NodeJS, JUnit
Database: SQL, MongoDB/Mongoose
Version Control: Git, BitBucket