Matthew Sellepack

587-225-7400 | JelloMatt10@gmail.com | www.linkedin.com/in/matthew-sellepack-173a432b8/

EDUCATION

Bachelor of Science, Majoring in Computer Science 2023 – 2027

University of British Columbia, Okanagan

• Dean's List (2023), Outstanding International Student (OIS) Award (2023).

• GPA: 85.2%.

• Relevant Courses: Introduction to Databases, Software Engineering, Web Programming, Human-Computer Interaction, Introduction to Operating Systems, Analysis of Algorithms, Machine Learning, Parallel Computing, Image Processing and Parallel Computing.

PROJECTS

Ally February 2025

UBC-O Girls in Tech Club Hackathon

• Worked with a team of three other people to develop an AI-powered website accessibility checker web application, achieving second place out of over a dozen teams.

• Utilized HTML, CSS, and JavaScript with React to develop the front-end of a full-stack web application.

• Applied problem-solving, coordinated teamwork, and UI design skills under pressure to integrate features and meet project requirements.

CaTaskTrophy March 2026

UBC-O Girls in Tech Club Hackathon

• Worked with a team of four other people to develop a customer service focused issue manager powered by a FastAPI back-end and a React front-end, placing in the top 8 out of at least 20 other teams.

• Effectively utilized React to retrieve ticket and user information from the back-end to provide a complete list of a company’s issues which were categorized and searchable.

• Applied problem-solving, coordinated teamwork, and Front-end development skills in order to design and pitch an application aimed at supporting business operations.

Bubblify May 2026 – August 2026

• Worked in a small group to design and implement a full stack production ready Optical Marketing Management System to scan and automatically mark test bubble sheets

• Implemented a fully functional backend using PostgreSQL and FastAPI with Redis Job scheduling, and frontend using ReactJS and Typescript

SKILLS

• **Core Competencies:** Software Development, UI Design, Responsive Front-end Development, Back-end Development, Database Systems, Network Programming, Relational Algebra.

• **Soft Skills:** Problem Solving, Project Planning, Task Prioritization, Communication, Teamwork, Adaptability.

• **Languages:** Python, FastAPI, Java, C/C++, JavaScript, TypeScript, HTML, CSS, React.js, NodeJS, SQL.

• **Tools**: Android Studio, Docker Desktop, PostgreSQL, MySQL, Git, GitHub, GitHub Projects, Bash/Linux CLI, Windows CLI, VS Code, Microsoft Office Products.