

# IRENE CHEUNG

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## SUMMARY

Motivated BCIT Computer Systems Technology student with hands-on experience in full stack software development experience using **React**, **Next.js**, **MongoDB**, and **Typescript**. Strong foundation in programming and problem-solving, with a focus on writing clean, efficient, maintainable code. Able to adapt quickly to fast-paced environments and collaborate effectively in team settings. Core competencies include:

- Collaboration and teamwork
- Communication skills
- Self-initiative
- Adaptability
- Fast learner

## TECHNICAL SKILLS

Programming Languages	Typescript, JavaScript, Python, R, SQL, Java, C, HTML, CSS
Frameworks and Libraries	React, Node.js, Express, Next.js, Bootstrap, Material-UI
Databases	MongoDB, MySQL, Firebase
Tools/Other	Git, GitHub, Docker, Figma, Jira, Postman, Agile/Scrum, Trello, Google Analytics

## WORK EXPERIENCE

**Junior Full Stack Developer** | Shop This City | [Website](#) April 2024 – Dec 2024  
*React, Next.js, Typescript, Material-UI, Node.js, MongoDB, Google Analytics, Fly.io, Postman, Figma, Agile* Remote

- Designed and implemented a back-end microservice using the Google Analytics API to track product performance metrics (e.g. sales, favourites), enabling data-driven decision-making and goal tracking
- Built a front-end admin analytics interface that utilizes data from the back-end microservice to create an intuitive, filterable interface for admins to monitor product performance
- Contributed to building the front-end wholesale application by developing key interfaces such as the order summary and order details page to streamline ordering processes between store partners and wholesalers

**Optometrist Assistant** | Wink Optometry and FYidoctors July 2020 - July 2023

- Collaborated effectively with an interdisciplinary team of up to eight staff members working alongside seven optometrists to deliver timely, efficient, and high-quality patient care
- Conducted patient intake and pre-testing procedures, ensuring clear and transparent communication to keep patients informed and comfortable throughout the entire eye exam

## PROJECTS

**Front-End Developer** | "Schedulize" - QDS Hackathon | [GitHub](#) | [YouTube](#) Mar 2024  
*Node.js, JavaScript, MongoDB, HTML, CSS*

- Collaborated with a team of five to create a web application aimed at enhancing student well-being by generating personalized schedules that break large tasks into manageable segments
- Incorporated students' peak productivity times and prioritized tasks based on deadline proximity and importance
- Led the design and front-end development, creating a visual appealing and intuitive user interface to enhance user experience

**Software Developer** | "Save the Platypus" | [GitHub](#) Mar 2024  
*Java, JavaFX*

- Developed a 2D game where players control a platypus to dodge enemy projectiles and increase difficulty by advancing levels

- Applied object-oriented programming (OOP) principles such as classes, inheritance, and encapsulation to design modular and reusable game components, enhancing code readability and scalability
- Implemented dynamic gameplay mechanics such as random projectile generation and speed progression, to provide an engaging and challenging experience for players

**Full Stack Developer and Team Lead** | “Näborly” | [GitHub](#) | [Website](#) | [Figma](#) | [Trello](#)

Oct – Dec 2023

*JavaScript, jQuery, HTML, CSS, Bootstrap, Firebase, Agile, Figma*

- Collaborated with a team of two peers to build an application designed to help newcomers integrate into their communities through a game-like experience that encourages community exploration
- Developed key interfaces including the landing page, user profile, quest list, review system, and bookmarking functionality
- Delegated tasks and managed project progression to ensure timely completion of the project

**Software Developer** | “Chocopass” | [GitHub](#)

Nov – Dec 2023

*Python*

- Built a command-line, text-based game that features a grid-based environment where a player can move a character in four cardinal directions to accomplish an objective
- Created a comprehensive suite of 95-unit tests to ensure high standards of code quality
- Applied critical thinking skills to resolve unexpected issues through troubleshooting, debugging, and conducting thorough data analysis

**Front-End Developer** | “What’s in Your Fridge?” | [GitHub](#)

Dec 2023

*JavaScript, jQuery, HTML, CSS, Bootstrap, API integration, DOM manipulation*

- Developed a web application integrated with the Spoonacular API that customizes recipes based on what is in users’ fridges
- Implemented an ingredient-based recipe search and modal display of results

## EDUCATION

**Computer Systems Technology (CST), Cloud Computing option**

Sept 2023 – Dec 2025 (Est)

British Columbia Institute of Technology, GPA: 93%

Vancouver, BC

Key courses:

- Web development
- Object Oriented Programming
- Relational Database System
- Cloud computing
- Procedural Programming
- Mobile Development

**Bachelor of Science Degree in Biochemistry (First Class Honours)**

Sept 2016 – Apr 2021

University of Calgary, GPA: 3.9/4.0

Calgary, AB

## EXTRACURRICULAR LEADERSHIP

**Vice President of Outreach and Social Media Director** | Women in Computing | [Website](#)

May 2024 – Present

British Columbia Institute of Technology

- Organized and led a guest speaker event with an Amazon software engineer where he shared insights from his two years at Amazon to inspire and educate students about the tech industry
- Coordinated a company tour with SAP, facilitating valuable industry connections for BCIT students and providing first-hand exposure to real-world tech environments to support career development, attracting around 50 attendees

**Club Co-President** | Pre-Optometry Student’s Association

Sept 2018 – April 2021

University of Calgary

- Partnered with Lion’s club to collect and donate used glasses to support low-and middle-income communities worldwide
- Organized and facilitated an optometry school visit with SUNY Optometry and a student presentation with an attendance of 30 students