

## TECHNICAL SKILLS

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- **Languages:** HTML/CSS, JavaScript, Java, Python, C
- **Web Development:** React, Next.js, Responsive Design, UI/UX Design Principles
- **Developer Tools:** Git, Visual Studio Code, Chrome DevTools
- **Computer Science:** Data Structures, Object-Oriented Programming, Algorithm Design

## EDUCATION

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### University of Guelph

*Sep 2023 – Present*

B.Comp (Hons), Computer Science (Co-op), GPA: 83%

*Relevant Coursework:* Data Structures & Algorithms, Discrete Mathematics, Object-Oriented Programming

## WORK EXPERIENCE

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### Software Developer Co-op, P&P Optica

*May 2025 – Present*

Waterloo, ON

- Collaborated with software and data teams to develop and enhance full-stack applications supporting Smart Imaging Systems
- Built and adapted dashboards using Metabase, transforming millions of data points into actionable insights
- Implemented RESTful API integrations and wrote optimized SQL queries for data retrieval and manipulation
- Contributed to UI/UX design discussions, ensuring responsive and intuitive front-end components with React
- Participated in Agile ceremonies including sprint planning, code reviews, and daily stand-ups to drive feature delivery
- Coordinated cross-functionally with QA, product, and implementation teams to ensure high-quality releases

### Teaching Assistant, University of Guelph

*Sep – Dec 2024*

Guelph, ON

- Provided detailed feedback on over 250 student assignments, focusing on formal logic, proof techniques, and algorithm analysis
- Held weekly office hours with consistent student attendance, clarifying complex discrete mathematics concepts
- Collaborated with teaching team to maintain grading consistency and improve student learning outcomes
- Facilitated exam review sessions to help students master course material and prepare for assessments

## TECHNICAL PROJECTS

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### 3D Interactive Fitness App

*Jan 2024 – Present*

*React, Next.js, CSS*

- Developing a web application that visually connects muscle groups to appropriate exercises
- Creating an intuitive user interface with interactive elements to enhance the learning experience
- Implementing responsive design principles for optimal viewing across desktop and mobile devices
- Building a structured database of exercises with detailed form instructions and progression paths
- Collaborating with fitness experts to ensure anatomical accuracy and exercise effectiveness

### Responsive Business Websites

*Oct 2023 – Mar 2024*

*React, Next.js, JavaScript, HTML, CSS*

- Designed and built multiple responsive websites for local businesses using modern web technologies
- Implemented clean, semantic HTML structure with accessible design features and intuitive navigation
- Created reusable React components to increase development efficiency and maintain code consistency
- Applied CSS Grid and Flexbox for responsive layouts that adapt to various screen sizes
- Incorporated client feedback through multiple revision cycles to ensure satisfaction

### ePortfolio Investment Manager

*Mar 2024*

*Java, OOP*

- Developed a Java console application for managing stock and mutual fund investments
- Implemented buy/sell functionality with automatic transaction fee processing (\$9.99 for stocks)
- Created search capabilities by symbol, name, and price range with flexible filtering options
- Built price update and total gain calculation features for real-time portfolio evaluation
- Applied object-oriented design principles including inheritance and polymorphism

## LEADERSHIP & ACTIVITIES

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### Google Developer Student Association

*Sep 2023 – Present*

- Participate in hackathons, collaborating in teams to develop solutions for real-world challenges
- Attend technical workshops covering web development, API integration, and software design
- Engage in peer programming sessions to improve problem-solving and collaborative coding skills

### Society of Computing and Info Science

*Sep 2023 – Present*

- Contribute to maintaining and enhancing the society's website using modern web technologies
- Collaborate with team members to update content and improve user experience
- Assist in organizing technical workshops and events for computer science students
- Mentor first-year students in web development fundamentals and best practices