

Hiro Hamada

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Computer Engineering Technology

Profile

Motivated and detail-oriented Computer Engineering Technology student with a strong foundation in programming, software development, and systems analysis. Possesses hands-on experience in coding, debugging, testing, and designing integrated systems through co-op and real-world projects. Adept at working in team environments to meet project and client requirements.

Skills

- Proficient in multiple programming languages including Java, C#, C++, and C to develop diverse software applications and systems
- Experienced in web development using HTML, CSS, JavaScript, and PHP with a strong understanding of front-end and back-end integration
- Skilled in using development tools like Git, Visual Studio, and Eclipse, to facilitate efficient coding, version control, and project management
- Adept in software testing and quality assurance to ensure application reliability and functionality
- Strong analytical thinking and problem-solving abilities to debug, troubleshoot, and optimize system performance
- Clear technical communication in oral and written form to convey complex technical information to diverse audiences and stakeholders
- Collaborative team player who fosters cooperation and productivity amongst team members

Education

Advanced Diploma, Computer Engineering Technology – Computing Science Sept. 2023 – Present
Algonquin College, Ottawa, ON

- GPA: 3.56/4.00
- Relevant Coursework: Operating Systems, Object-Oriented Programming, Web Programming, Technical Communication, Software Design and Testing, Business Intelligence and Data Analytics

Projects

Web-Based Application Development Project
Algonquin College, Ottawa, ON

Jan. 2025 – Apr. 2025

- Created a dynamic web-based application, focusing on user experience and database integration.
- Designed and implemented front-end interfaces using HTML, CSS, and JavaScript.
- Developed server-side logic with PHP to handle user requests and database interactions.
- Integrated MySQL for database management, ensuring secure data handling.
- Conducted user testing sessions to gather feedback and improve the application.

Custom CRM System for Non-Profit Organization

Oct. 2024 – Dec. 2024

Algonquin College & Habitat for Humanity, Ottawa, ON

- Developed a custom Customer Relationship Management (CRM) system to manage donor information and enhance fundraising efforts.
- Analyzed client needs and designed the system architecture
- Developed the CRM system using Java and MySQL ensuring usability and data security
- Integrated email services for automated communication with donors
- Provided training and ongoing support to client for system maintenance

Related Experience

Software Development Co-op Intern

May 2024 – Aug. 2024

Ciena Corporation, Ottawa, ON

- Developed and tested software applications using Java and C++, contributing to the enhancement of the company's core products.
- Participated in code reviews, providing constructive feedback for ongoing continuous improvement.
- Collaborated in a team of developers to design and implement new features, ensuring alignment with client requirements and project timelines.
- Assisted in debugging and troubleshooting software issues, applying analytical thinking and problem-solving skills to identify and resolve bugs.
- Documented technical procedures and created user manuals to support team knowledge transfers.

Other Experience

Sales Representative

Jul. 2024 – Present

TELUS, Ottawa, ON

- Engaged with prospective and current customers in-store, by phone, and through messaging to understand their needs and provide tailored solutions
- Demonstrated a solid knowledge of a variety of products and services to achieve sales targets
- Collaborated with team members to provide exceptional customer service, addressing inquiries, resolving issues, and ensuring a positive shopping experience
- Participated in ongoing training to stay updated on the latest products and sales techniques

Volunteer Experience

Class Representative

Sept. 2024 – Present

Algonquin College, Ottawa, ON

- Represented the interests and concerns of over 100 Computer Engineering Technology students
- Facilitated communication between students and faculty, ensuring timely resolution of academic and administrative issues
- Organized and led regular meetings to discuss program updates, student feedback, college resources, and upcoming events