PING HEI (ALVIN) CHAU

Toronto, ON
pchau16@my.centennialcollege.ca

SOFTWARE DEVELOPER
WEB DEVELOPMENT | INTERFACE DESIGN | AGILE TRAINED

- A motivated and team-oriented student of Software Engineering Technology - Artificial Intelligence, who holds a Bachelor of Engineering (Mechanical) degree, demonstrating a strong acumen for STEM fields
- Applied project experience in developing interactive web applications, interface design and debugging
- Capable of delivering high-quality results efficiently in fast-paced, high-volume environments
- Strong problem-solving skills showcased through the successful completion of web development projects
- Demonstrated ability to learn and apply new coding concepts quickly through projects and coursework
- Multilingual in English, Cantonese, and Mandarin, enabling effective communication and collaboration

KEY SKILLS

Programming:	C++, C#, HTML/CSS, Java, JavaScript, Oracle SQL, Python, XML
Frameworks & Libraries:	Bootstrap, Express, Node.js, React
Operating Systems:	Linux, Unix, Windows
Development Tools:	Eclipse, Git, Visual Studio Code, Jira

EDUCATION

Software Engineering Technology – Artificial Intelligence (Co-op) Advanced Diploma Sept. 2023 - Present
Centennial College, Toronto, ON GPA: 4.4/4.5 (A+)

Relevant Courses:

Web Interface Design	Web Application Development	Unix/Linux Operating Systems
C# Programming	Java Programming	Software Systems Design
Introduction to AI	Database Concepts (SQL)	Client-Side Web Development

Bachelor of Engineering (Honours) - Mechanical Engineering Sept. 2016 - Jan. 2021
Ontario Tech University, Oshawa, ON

PROFESSIONAL DEVELOPMENT

100 Days of Code: The Complete Python Pro Bootcamp | Udemy (Remote) Present
The Web Developer Bootcamp 2024 | Udemy (Remote) Present

PROJECTS:

Web Design – Interactive Real Estate Listing Platform
- Designed a responsive website for a realtor to show the housing listings using HTML and CSS
- Created a comprehensive site map to improve navigation and optimize the overall user experience

Web Game - Bug Catcher
- Developed an interactive game where users catch bugs for points using HTML, CSS, and JavaScript
- Integrated score tracking and dynamic difficulty to enhance player engagement as the game progresses

EXPERIENCE

Packaging Engineer | APR Beauty Group Inc., Toronto, ON Winter 2022
- Collaborated within the engineering team to analyze test data and generate verification reports ensuring that prototypes and final product meet all functional and performance specifications
- Created renderings and design drafts driven by customer requests for presentations and marketing use
- Assisted in product development and enhancement of product using 3D modelling tool
- Took product photographs for the online catalog to showcase items effectively

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Life Saving Instructor & Lifeguard | Bayview Hill Community Centre, Richmond Hill, ON   Sept. 2018 - Apr. 2020
- Monitored designated areas overseeing the safety of over 60 individuals and identifying potential hazards
- Explained and enforced rules and regulations to ensure the safety of community members and students
- Prepared report cards and other related documentation for students in a timely manner
- Demonstrated keen skills in leadership, adaptability, quick-thinking and ability to teach diverse individuals