Randy Huynh

(647) 391-9189 • Randy_Huynh@hotmail.com • https://www.linkedin.com/in/Randy-Huynh1/
https://github.com/artmedia1 • https://www.randy-huynh.com

Technical Skills

Languages: Java, **Python, C, SQL**, JavaScript, **TypeScript, HTML5, CSS**, PHP, **System Verilog, Verilog**

Frameworks: React, **ExpressJS, NodeJS, Junit, Spring Boot, Hibernate, Bootstrap, jQuery, AJAX, REST**

Developer Tools: **Git, VS Code, Jupyter Notebooks, IntelliJ, Eclipse, Android Studio, Git Bash, MySQL, XAMPP, PostMan, AWS** (Lambda, S3 Buckets, Certificate Manager, CloudFront)

Libraries: **Pandas, NumPy, Matplotlib, Selenium, Tensorflow, Keras, Axios, Jest**

Experience

Software Engineer I – **Full Stack Developer** | Miipe Quality Solutions, Toronto ON   April 2024 – Present

- **Spearheaded** a bug-fixing initiative that reduced software defects, enhancing overall system reliability and user satisfaction.
- **Assisted** senior engineers in code and design reviews, significantly improving software quality and adherence to best practices, resulting in a more robust and maintainable codebase.
- **Developed** and **maintained** a comprehensive **CRUD** application using **Spring**, **Hibernate, Java**, **Angular**, and **PostgreSQL**, enhancing system efficiency and user experience through robust backend logic and responsive frontend interfaces.
- Executed **DevOps** responsibilities by aiding in the **AWS** deployment **pipeline** and providing continuous support, ensuring seamless releases and minimal downtime

Junior Software Developer | Walk With Web, Toronto ON   May 2023 – September 2023

- Engaged in full-stack development of projects, significantly enhancing website **responsiveness** and **user experience**, resulting in a **60% reduction** in page **load times**.
- **Engineered** a PHP and **MySQL**-based solution that streamlined **data retrieval** and **minimized server load**, incorporating **AJAX** and **jQuery** for effective **asynchronous data handling**.

Projects

Portfolio Website | *React, JavaScript, HTML, CSS, AWS (CloudFront, S3 Buckets, Certificate Manager)* | **Github** | **Demo**

- Developed a **professional** portfolio website showcasing skills and projects using **React.js**
- **Utilized Material-UI components** to create **modern** and **responsive** project cards

Climate Quest | *ExpressJS, NodeJS, Javascript, Axios, Bootstrap, AWS* | **Github** | **Demo**

- Developed and deployed a responsive website on AWS that utilized **OpenAI** for tailored activity and attire recommendations based on location and weather conditions sourced from **third-party APIs**.
- Implemented **Serverless framework** and handled API requests using **Axios** and **Express Middleware**

Education

York University   Toronto, ON

B.Eng, Specialized Honours in Computer Engineering   *Sep. 2018 - Mar. 2024*

- **Relevant Coursework:** Computer Vision, Machine Learning and Pattern Recognition, Fundamentals of Data Structures, Software Design, Software Engineering Requirements, Software Engineering Testing, Introduction to Database Systems, Operating Systems, Advanced Object-Oriented Programming

Seneca College - President's Honour List**,** 3.6 GPA   Toronto, ON

Ontario College Advanced Diploma in Mechanical Engineering Technology - Industrial Design   *Aug. 2015 – May 2018*