

Randy Huynh

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Technical Skills

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

Frameworks: React, ExpressJS, NodeJS, Junit, 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

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

- **Spearheaded** full-stack development 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**.

Computer Support Assistant | York University, Toronto ON | April 2019 – May 2023

- Utilized **Cherwell Service Management** and **Halo Service Desk** ticketing systems to document resolutions. Crafted comprehensive **troubleshooting guides**, elevating **team knowledge** and **strategic problem-solving capabilities**.

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
- Implemented **responsive web design principles**, ensuring a **seamless user experience** across various devices

Travel Tracker | *PostgreSQL, ExpressJS, NodeJS, Javascript, Axios, HTML, CSS, EJS* | [Github](#)

- Developed a web application enabling travel tracking on an **Interactive map**, with a **PostgreSQL** database backend to store user data and travel history.
- **Crafted** a responsive UI with **EJS** and **CSS**, and managed server-side operations using **ExpressJS** and **NodeJS**, ensuring efficient data handling and user experience

Climate Quest | *ExpressJS, NodeJS, Javascript, Axios, Bootstrap, AWS (Lambda, Certificate Manager)* | [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**

Secrets Sharing App | *Javascript, Node.js, ExpressJS, PostgreSQL, Bcryptjs, Passport.js* | [Github](#)

- Developed a **full-stack user authentication system** focusing on **secure login and registration** processes.
- Applied best practices for data security by implementing **password hashing and salting**

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