RYAN WERN JIAN NG

+14193205579 | Ryan.Ng@rockets.utoledo.edu | Toledo, OH, USA | linkedin.com/in/ryan-wern-jian-ng/

EDUCATION

The University of Toledo   **January 2022 - Present**
Bachelor of Science in Computer Science and Engineering Technology   GPA: 3.96
- President's List (Spring 2022, Spring 2024); Dean's List (Fall 2021, 2022, 2023)
- International Student Merit-Based Scholarship Recipient, 2022, Merit-Based Scholarship Recipient

WORK EXPERIENCE

The University of Toledo   **Toledo, OH, USA**
Undergraduate Research Assistant   January 2022 – August 2022
- Research assistant position in the field of computational biology and bioinformatics
- Work on projects in relation to algorithm development and coding using the language R and Excel
- Created graphs and spreadsheets using real cancer patient data to determine the significance of certain proteins in the body in relation to liver cancer

Compass Group USA, True Burger   **Toledo, OH, USA**
Student Manager   January 2022 – January 2023
- Managed staff workloads and oversaw all aspects of the store
- Worked flexible schedule and extra shifts to meet business needs

CODING PROJECTS

Online Portfolio Website
- Created a Portfolio website using HTML, CSS and JavaScript
- Contains a self-introduction, extracurricular activities, past projects (including the ones below)
- Available to view on: https://ryanng02.github.io/portfolio-website/

Clone ChatGPT Application
- Created a Clone ChatGPT application that makes use of the OPENAI API as well as react and node.js
- The frontend is hosted on Vercel whereas the backend is hosted on Render.

Password Manager Application
- Created a simple Password Manager application using Python and encrypting it using AES-128
- Makes use of the command line interface to create new entries for passwords, find and delete previously stored passwords

SKILLS

Skills: Java, Python, C#, Assembly, HTML, CSS, JavaScript, PLCs (Allen Bradley & Siemens), React, Node.js

Certifications

- **IBM DevOps and Software Engineering certification** which includes (Continuous Integration and Continuous Delivery (CI/CD), Application Development using Microservices and Serverless, Developing AI Applications with Python and Flask, Hands-on Introduction to Linux Commands and Shell Scripting, Monitoring and Observability for Development and DevOps, Introduction to Containers w/ Docker, Kubernetes & OpenShift, AI & Development, introduction to Agile Development and Scrum
- **.NET FullStack Developer Specialization** which includes (.NET Full Stack Foundation, Frontend Development using React, Backend Development for .NET Full Stack)
- **IBM AI Developer Professional certification** which includes (Python for Data Science, AI & Development, Building Generative AI-Powered Applications with Python)