

# RYAN WERN JIAN NG

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## EDUCATION

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### 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 21, 22, 23)
- International Student Merit-Based Scholarship Recipient, 2022, Merit-Based Scholarship Recipient

## WORK EXPERIENCE

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### 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

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### Online Portfolio Website

- Created a Portfolio website using HTML, CSS and JavaScript
- Contains a self-introduction, extracurricular activities, past projects (including the ones below) and a contact me form with interactive buttons
- 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

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

## Certifications

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- **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, Python for Data Science, AI & Development, Introduction to Cloud Computing, introduction to Agile Development and Scrum, Introduction to Test and Behavior Driven Development)
- **.NET FullStack Developer Specialization** which includes (.NET Full Stack Foundation, Frontend Development using React, Backend Development for .NET Full Stack)