Cedric Rivera

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Education

Oakland University – Rochester Hills   Expected Graduation –December 2023

Pursuing Bachelors in *School of Engineering and Computer Science (Information Technology)*

- **Relevant Curriculum**: Interactive Web Systems (2520), Computer Systems (2440), Math for Information Technology (APM 1663), Data Structures and Algorithms (3620), Script Programming (3680), System Administration (3660), Human Computer Interaction (3500), Database Dsgn & Implementation (3450), Advanced System Administration (4660)
- **Honors:** Summer Semester (2020), Fall Semester (2020), Winter Semester (2021), Summer Semester (2021), Winter Semester (2022)

Technical Skills

Languages: Python, Java, HTML, CSS, Form, VBA, PHP, JavaScript, MySQL

Applications: Power Point, Excel, Microsoft Word/Google Docs, Wireshark, Trello, IntelliJ, Mac OS Terminal, Scrum/Agile, Outlook, GCP, Remote Desktop, Ubuntu, Linux, BASH

Experiences

Forest Hills Swim Club   May 2018 – August 2020

Lifeguard and Part Time Manager

- Worked as a lifeguard and manager when needed. Managerial role watched over lifeguards during the day and dealt with any problems that guests had at the swim club
- Training and testing needed to become a lifeguard
- As a lifeguard had to watch over hundreds of people at a time and was expected to follow protocol if someone's life was in danger at any point
- Helped set up holiday parties for the club and guided workers to create the best possible experience for the guests

Projects

Student/Teacher Calendar Application

- Created a calendar application from scratch to help elementary and middle school students stay on track with their assignments
- Created the entire UI for the calendar application and its features
- Created the calculator feature from scratch as well as the UI for it
- Helped create backend security as well as an administrative roll (teacher)
- Was named the – UX designer, UI designer, Calculator creator, Trello Master

Apache Server Hardening

- Created an Apache server out of Raspberry Pi
- Uploaded some files for basic website content as filler
- Implemented security measures to protect against the most well-known security vulnerabilities
- Used Wireshark to check for Wi-Fi security
- Implemented basic network security

Portfolio Website

- Created a website from scratch to display my resume in a more visual way while still being a work in progress that is ever growing over time
- Used github.io to keep the website up and running at all times
- Website can be found at https://cjrtech.github.io/