CHARMAINE EUNICE RABANO

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SKILLS

Front-end Development

♦ Advanced HTML & CSS knowledge – Complex web pages with semantic HTML, CSS animations, and flexible layouts

♦ Intermediate TailwindCSS and Bootstrap knowledge – Custom theme and responsive design

♦ Advanced JavaScript knowledge – DOM manipulation, OOP-based programs, and error handling

♦ Advanced React knowledge – Component-based websites/web apps, utilization of Gatsby and Next.js

Back-end Development

♦ Intermediate Python knowledge – Complex console apps, simple GUI apps, and machine learning programs

♦ Intermediate C# knowledge – OOP-based programs with ASP.NET and API integration

♦ Intermediate SQL knowledge – Data manipulation operations, table relationships and complex queries

Web3 Development

♦ Intermediate Solidity knowledge – Basic Ethereum and Avalanche smart contracts with front-end integration

Software / Tools

♦ Development and version control using VS Code, Visual Studio, and GitHub

♦ Project management and documentation using Microsoft and Google Suite, Trello and Jira

♦ Website design and wireframing using Figma, FigJam, Adobe Illustrator & Photoshop, and Canva

♦ Drag-and-drop website development using WordPress builders, Wix, Squarespace, and others

PROJECTS

Mapúa MCL ACM Student Chapter Website – 2022

♦ Developed an organizational website for Mapúa MCL ACM Student Chapter using React and Gatsby

♦ Took part in designing and coding the website, as well as in writing the website content

Seat Save – 2022

♦ Developed a seat reservation system for MCL's library (CLIR), to help observe COVID-19 safety protocols, using React, Next.js and ASP.NET WebApi

♦ Led the UI/UX and front-end development of the system's website

♦ Adopted Agile methodologies during development

Sparse: A Reservation and Computer Vision-Based Room Occupancy System for Malayan Colleges Laguna's Center for Learning and Information Resources – Published April 2022

RSU International Research Conference 2022

♦ Published as a co-author a conference paper on utilizing computer vision in monitoring room occupancy of MCL's library (CLIR) and developed a system using C#, ASP.NET, SQL, and Python

CERTIFICATES

♦ **Metacrafters Solidity and Avalanche**
  ♦ ETH Proof: Beginner EVM Course – *Issued April 2023*
  ♦ ETH + AVAX Proof: Intermediate EVM Course – *Issued May 2023*

♦ **LinkedIn Learning: Become a Full-Stack Web Developer** – *Issued May 2023*

♦ **Meta Front-End Developer Professional Certificate** (Coursera)
  ♦ Introduction to Front-End Development – *Issued August 2022*
  ♦ Programming with JavaScript – *Issued October 2022*
  ♦ Version Control – *Issued November 2022*
  ♦ HTML and CSS in depth – *Issued January 2023*
  ♦ React Basics – *Issued March 2023*

♦ **CompTIA IT Fundamentals (ITF+) Certification** – *Issued July 2022*

♦ **DICT Programming with Python** – *Issued April 2022*

FREELANCING EXPERIENCE

Tech virtual assistant and website designer – February 2022 to present

STEM4Real (San Francisco, CA)

- Redesigned and maintained WordPress website
- Performed other tasks such as graphic design, video editing and other admin tasks

Landing page and website designer – 2020 to 2021

Foreign online entrepreneurs and coaches

- Designed and built websites and landing pages using WordPress and other website builders
- Set up website domain and hosting, as well as page structure with customized layouts
- Communicated with clients to understand their needs and provide them with needed solutions

STUDENT ORGANIZATION INVOLVEMENT

Mapúa MCL ACM Student Chapter

A student organization chartered by the Association for Computing Machinery (ACM)

- Served as the Vice President in A.Y. 2020-2021
- Planned and executed online events and activities for the organization during the COVID-19 lockdown as part of the Executive Committee
- Became part of the Publication Committee that creates publication materials for social media and maintains website content
- Became the emcee for UXPH Webinar, GeekCon 2022 and GDAP Academic Roadshow, and facilitated Hour of Code events

College of Computer and Information Science Student Council

- Served as the Secretary for Treasury in A.Y. 2020-2021
- Handled the student council's funds
- Planned and executed online events and activities for the whole college during the COVID-19 lockdown with other student council members

EDUCATION

Mapúa Malayan Colleges Laguna

Bachelor of Science in Computer Science – *2019 to present (Expected graduation date: June 2023)*

- Running GWA: 1.22
- Granted academic scholarship through the E. T. Yuchengco Institutional Scholarship program
- Received President's List and Dean's List awards

Science, Technology, Engineering, and Mathematics (STEM) strand – *2017 to 2019*

- Graduated with High Honors and as the class valedictorian
- Delivered the Thanksgiving Address during the 2019 graduation ceremony
- Granted academic scholarship through the Academic Achievement Incentive program