Charles Cagigas

UX/UI & EMBEDDED SOFTWARE DEVELOPER

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"I have a passion for small electronics making a large impact in the world around us."

Experience

Meknology – *UX/UI & Embedded Software Developer.*

November 2021 – Present (2 years)
- Analyzed & re-structured internal information architecture in Google Drive to improve general usability & accessibility.
- Designed & developed a system to monitor data remotely.
- Designed, developed & managed company website: www.meknology.com.
- Built a monitoring console from ideation to reality.
- Ran an FMEA analysis on the design of the monitoring console.

Saginaw Valley State University – *ITS Student Employee.*

December 2022– Present (1 year)
- Collaborated with a team to repair campus owned PC & MAC devices.
- Used *Team Dynamix* to monitor incoming service requests.
- Set up various Dell systems in classrooms campus wide.
- Troubleshooted & corrected issues with various computer systems.
- Used industry leading technology to update school owned systems.

Edward Rose & Sons – *Head Lifeguard.*

May 2020 – June 2022 (2 years)
- Facilitated communication for a small team (6 people).
- Maintained the signature look of the pool area.
- Managed situations with difficult / frustrated patrons.

Walled Lake Consolidated School District – *Swim Instructor & Lifeguard.*

May 2017 – April 2020 (3 years)
- Cooperated with other employees to create a schedule.
- Maintained constant surveillance of patrons in the facility.
- Acted immediately to secure the safety of patrons in the event of emergency.

Education

Saginaw Valley State University

7400 Bay Rd,
University Center
Michigan, 48710

Major: UI & UX Design
Minor: Computer Science

Sigma Pi
Community Service Chair
Scholarship Chair *(current)*

Key Skills & Traits

Circuit Python	Quick learner
Java	Team leader
Figma	Problem solver
Fritzing	Good communicator
Team Dynamix	Project management
HTML & CSS	Flexible
JavaScript	Positive attitude
Windows hardware	Technical support

Courses

RPW 350 – Usability Studies
RPW 375 – Information Architecture
RPW 430 – Advanced Problem Solving
CS 216 – Object Orientated Programming
CS 255 – Client-Side Web Development

Projects

Meknology – MeknoMonitor™
Meknology – "Usability Analysis of the Internal File Structure"
Meknology – Public Facing Website
Saginaw Valley State University – Beats™ Manual Redesign
Saginaw Valley State University – LED App Redesign