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| Charles Cagigas  Ux/ui & Embedded Software developer | | | | | | | | | | | | | | | | | | |
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|  | **Receiver with solid fill** |  | (248)860-9881 |  | **Email with solid fill** |  | cpcagiga@svsu.edu | |  | **House with solid fill** |  | Novi, Michigan 48377 | |  | Internet with solid fill |  | www.Meknology.com | |
| *“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 (1 year)  * 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 (3 months)  * Worked 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 various issues with several 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. * Handled 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)* | | | | | |
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| 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 | | | | | | | | | | |