# Mark Reinier Aguila Mandocdoc

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## Education:
**B.S. Computer Science**, San Diego State University (SDSU)  **August 2015 - May 2017**

## Technical Skills (Years of Experience):
**Software:** Windows (21); Mac OSX (5); UNIX (2); Eclipse (2)
**Languages:** PHP (8); C/C++ (5); Java (5); Objective-C (3); Assembly (2)
**Databases:** MySQL (6); SQLite (1); Google Firebase (1); Oracle Spatial (1)
**Technologies:** HTML/CSS/JavaScript (13); Git (2); Selenium (1); Cucumber (1); Appium (1)

## Projects:
**SIC/XE Assembler**, http://boxofmarkers.com/sicxe  **February 2016 - May 2016**
- Collaborated with three other students to design and create a SIC/XE assembler in C++
- Organized team tasks and project files to balance workload and meet deadlines

**Puzzle & Dragons Community Tools**  **March 2016 – May 2016**
- Combined web technologies such as HTML, CSS, JavaScript, PHP, and MySQL
- **In-Game Mail Tracker**, https://boxofmarkers.com/mail
- Integrated the use of captured JSON data generated from a different community tool
- Leveraged AJAX and a responsive design to achieve a dynamic, multi-platform web application
- **Player Vote Scraper**, https://boxofmarkers.com/pcgf
- Scraped a voting page and recorded data to provide information not provided by the creators
- Coordinated Kimono Labs web scraper with Google charts to retrieve data and graph trends

## Work Experience:
**Test Engineer**, Qualitest, San Diego, CA  **March 2018 – Present**
- Participate in daily scrum meetings with the client for progress visibility and task priorities
- Create test cases based on client requirements to verify project specifications and functionality
- Manage test cases, test runs, and test results of several projects using TestRail
- Log defects on GitHub and retest any defects that have been resolved by the developers
- Maintain automation code using Git through GitHub with proper development standards
- Automate test cases using Selenium and Cucumber within the Serenity BDD framework
- Automate mobile test cases on simulators and real devices using Appium
- Compile developer code using Xcode to create IPA and APP files for mobile automation
- Utilize Jenkins as an automation server to produce daily reports of automation results
- Improve the automation framework by creating robust and efficient helper classes
- Troubleshoot and resolve issues found with or within the automation framework
- Research additional technologies that can be used to broaden the scope of the automation

**Assistant Technician**, Chuck E. Cheese, National City, CA  **June 2002 – June 2017**
- Documented and planned necessary maintenance and repairs within quarterly budget
- Ensured customer satisfaction by executing company practices and standards