RODNEY MANIEGO JR.

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CORE COMPETENCIES AND TECHNOLOGIES

Languages:	Python, Java, JavaScript, TypeScript, R, BASH
Framework and Tools:	Flask, Node.js, Vue.js, Nuxt.js, SQLAlchemy, Selenium
Databases:	PostgreSQL, MySQL, SQLite
Services:	GitHub, GitLab, Heroku
Skills:	Web Design (HTML and CSS), API (REST, JSON-RPC), Data Analytics

EXPERIENCE

Visayas State University, Department of Computer Science and Technology   *Aug 2021 - Feb 2022*
Instructor I (Substitute)

Facilitated various teaching delivery modes to 135 Civil and Mechanical Engineering students using modern technologies that allowed inclusive learning experiences in online and virtual environments.

- Created Python Programming Course Syllabi designed for an active learning experience that can be potentially utilized for future employment.
- Delivered various teaching methods to six lecture course offerings for online, virtual, and offline environments.
- Guided a total of 135 engineering students in their software development projects.
- Counseled three academic advisees in their academic-related challenges and opportunities.

Visayas State University, Department of Computer Science and Technology   *Mar 2021 - Jul 2021*
Instructor (Part-time)

Guided 108 Agriculture & Bio-systems and Geodetic Engineering students in formulating and developing their engineering-related software projects using Python programming language.

- Delivered various teaching methods to one lecture course offering in online and virtual environments.
- Developed a code similarity analyzer and test case runner to automatically grade student submissions.

Lexmark Research and Development Corporation   *Apr 2016 - Jan 2021*
Test Engineer

Engaged in test delivery and developed automation software that enabled higher test efficiency and firmware quality.

- Executed testing for three Firmware Architectures and five Engineering Changes on 23 Enterprise products and five OEM products.
- Experienced in manual and automated tests, ranging from out-of-the-box setup, firmware upgrade/downgrade, UI (panel and web), functional, compatibility, reliability, integration, connectivity, security, smoke, sanity, and guerilla testing.
- Authored and resolved Issue Tracking Reports on ExtraView, 3% above team average.
- Developed automation and testing software that helped the logging of the 140 Ship-Yes bug reports.
- Supported six senior team members in auditing test strategies, project development, and solving for-improvement areas.
- Collaborated with the Specifications and Development teams to create and audit test cases based on engineering changes.
- Contributed to the improvement of the Specification Documents and Product Documentation Manuals.
- Maintained the team operation documentation and the Wiki website.

Lexmark Research and Development Corporation	*Nov 2015 - Apr 2016*

On-the-Job Trainee

Aided the Tools Team in the development of a test automation framework.

- Fixed defect logs and created new software features assigned in Rally (CA Agile Central) using Lettuce (BDD), *lxml*, and Selenium in Python.
- Experience in SCRUM sprint review, daily sprint meeting, product demonstration, and hand-over.
- Experience with Windows and Unix-based (Ubuntu, Linux Mint, and Fedora) workstations.
- Converted UI and Web test cases into automated test scripts.

EDUCATION

Cebu Institute of Technology - University	*Aug 2021 - Jun 2022*

MS in Computer Science

- Completed 18 units in two semesters.

STI College – Ormoc	*Jun 2012 - Apr 2016*

BS in Information Technology

- Online Publication for STI College - Ormoc with Mobile App (PHP, MySQL, Android, SQLite), lead developer
- Online Reservation and Billing System for Grand Tours Shuttle Services (PHP, MySQL), lead developer
- Hotel Reservation System for Le Hotel (VB.NET, Microsoft SQL Server), lead developer

LECTURES AND PRESENTATIONS

Share Sessions: Python as a Friend *Mar 2020*
  Lexmark Research and Development Corporation

R&D Convention Show & Tell: MFP Scan Functional Output Testing using Machine Learning *Feb 2020*
  Lexmark Research and Development Corporation

AWARDS

Outstanding Web Designer *2016*
  STI College – Ormoc

Web Programming (Group) 2nd placer *2015*
  3rd Robotics and Web Programming Festival

CERTIFICATION

- Programming Hub SQL certification course *2022*
- Programming Hub RDBMS certification course *2022*
- HackerRank Python Basic skill assessment *2021*