Marissa Tavano

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EDUCATION

B.S. in Computer Science
The College of New Jersey | 2018

Relevant Coursework:

- Software Engineering
- Computer & Network Security
- Operating Systems
- Computer Architecture
- Analysis of Algorithms
- Data Structures
- Discrete Structures

SKILLS

PROFICIENT
- JavaScript
- Google Apps Script
- HTML/CSS
- Ruby
- C++

PAST EXPERIENCE
- Python
- PHP
- Java
- C

TOOLS
- UNIX CLI
- Web APIs/Services
- Adobe Suite
- VirtualBox
- Final Cut Pro
- LogicWorks

EXPERIENCE

NETWORK ENGINEER, Naval Surface Warfare Center
Naval Sea Systems Command (NAVSEA) | June 2018 – March 2019

- Was part of The Mission Critical Networks software team which is responsible for developing automation capabilities to monitor and manage network devices as well as detecting and responding to network anomalies and intrusions.
- Designed and orchestrated a new rack install in the "DDG 51 LAND BASED ENGINEERING SITE" (LBES) lab for the new network for CG SS20.

STUDENT IT WORKER, Networking & Technical Services
TCNJ | February 2016 – May 2018

- Assisted administrators in staff email migration from Zimbra to Google Apps by setting up and configuring the necessary servers and initializing the transfer process.
- Developed both bounded and standalone scripts, mainly for project management and process automation, to be integrated and employed on the Google Apps platform for staff to use.
- Built and designed an internal website for the IT department.
- Designed web applications to facilitate campus services using the Novell Vibe platform.

WEB DEVELOPMENT INTERN, Enterprise Infrastructure
TCNJ | May 2017 – August 2017

- Designed and created an absence request / time-off workflow that automated the entire time-off request process.
- Automated the maintenance and upkeep of TCNJ's server data.

PROJECTS

COOKING APP
Software Engineering | Spring 2017

Used Ruby on Rails to create a Web App that enables you to convert between different ingredient measurements, view substitutions for various ingredients, scale ingredient measurement amounts, and view useful cooking tips.

PASSWORD LOGGER CHROME EXTENSION
Computer & Network Security | Spring 2017

Designed and developed a Chrome extension that acts as a keylogger to record and store all usernames and passwords that the user enters.

LEADERSHIP

TCNJ WOMEN IN COMPUTER SCIENCE (WICS)
Vice President | September 2015 – May 2018

TCNJ ASSOCIATION FOR COMPUTING MACHINERY (ACM)
Secretary | September 2015 – May 2018

TCNJ COLLEGE UNION BOARD (CUB)
Associate Board Member | September 2015 – May 2016