Kevin Ramos

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SUMMARY

Experienced in fast-paced technological environments with critical thinking skills and adept at learning new processes; looking to enter the Information Technology field with the understanding of computer systems to assist in solving company problems by providing recommendations and solutions.

TECHNICAL SKILLS

Skilled with VMWare, VirtualBox, KVM, Linux Operating Systems, Windows Operating Systems, Windows Server, MySQL, Python, Java, C, and Microsoft Excel;
Proficient with Windows Active Directory, Windows PowerShell, and Microsoft Office Applications

PROFESSIONAL EXPERIENCE

System Support Staff
Stony Brook University, Stony Brook, NY August 2019 – May 2020

- Installed server nodes for SMART Cluster, a GPU cluster for Stony Brook's Reality Deck Project
- Installed Bright Cluster Manager software onto the Computer Science department server head node
- Supervised InfiniBand installation to work in conjunction with Bright Cluster Manager software
- Provided recommendations for cluster manager configurations to supervisors
- Configured Linux files on server head node to optimize PXE boot time performance
- Managed concurrent technical issues and determined prioritization based on department needs
- Troubleshoot spontaneous network and hardware issues for student and faculty
- Corrected and managed student account information using Windows Active Directory

Information and Data Intern
Korean American Family Service Center, Flushing, NY July 2019 – August 2019

- Deployed network monitoring software to assist future organization investigations
- Repaired organization's connectivity issues by replacing network hardware
- Migrated client data to a SQL-based online management database
- Created SQL scripts to gather specific client information for supervisor
- Separated the computer lab network from the main network

EDUCATION

Stony Brook University / SUNY August 2016 – May 2020
Bachelor of Science, Computer Science / GPA: 3.5/4.0
Relevant Coursework:

- Computer Networks	- System Fundamentals I & II	- Principles of Database Systems
- Scripting Languages	- Analysis of Algorithms	- Software Engineering

PROJECTS

Reality Deck Project – This project entails a cylindrical display with 600 million pixels. This technology allows for sophisticated research endeavors ranging from medical visualizations to climate change simulations. The project uses 180 Nvidia GPUs and Bright Cluster Management software.
Election Data Quality Systems – The goal of this project was to develop a system that will analyze, combine, display, and correct a variety of data sources for political analysis of the US congressional districts. This project utilized Java libraries, HTML, a SQL Server and Python.