Kevin Ramos

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A determined and adaptable person who can create friendly environments and has a passion for Computer Science

Experience

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

- Worked on the Reality Deck Project at Center of Excellence in Wireless and Information Technology (CEWIT)
    - Reconstructed monitors for Silo, a cylindrical immersive stereo display with 600 million pixels
    - Installed nodes on SMART Cluster, a dual use GPU Cluster used for both machine-learning and visualization
    - Helped upgrade the Reality Deck by replacing the previous GPU Cluster to the new SMART Cluster
    - Completed the Reality Deck upgrade and Silo by expected deadline of opening ceremony
- Bright Computing Cluster Manager Software for SMART Cluster
    - Installed software onto server head node (Software runs on a UNIX/Linux Environment)
    - Arranged cluster manager to work with InfiniBand ConnectX-5 switch
    - Configured network boot to either install saved software images or boot to local operating systems.
    - Worked with supervisors to troubleshoot cluster manager network issues after moving to a remote environment (project was moved to a remote environment due to COVID-19)
- IT work for Computer Science Department
    - Investigated issues with classroom laptops connectivity issues using Windows PowerShell (recommended possible solutions for supervisors)
    - Installed drivers and software on classroom laptops to resolve issues
    - Fixed urgent technical issues (projectors, laptops, and damaged cables) for students/faculty during lectures

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

- Investigated and troubleshot a variety of technical problems in different departments within the organization
    - Troubleshot printers in different departments
    - Worked with computers in the organization's computer lab (installing software based on requests by supervisor)
    - Repaired organization's Wi-Fi (replaced hardware and installed software to ease future investigations for supervisor)
- Organized and manipulated KAFSC database based on the needs of the organization
    - Used DonorPerfect program (runs with SQL) to gather information for supervisor
    - Used SQL to change their database to add organization's volunteer hours for 2019
- Data migration for supervisor
    - Used Excel and Google Sheets to create functions/formulas to modify existing spreadsheets
    - Modified spreadsheets based on new program inputs to allow for easy migration of data
- Worked with organization's network
    - As per the supervisor's request, separated the computer lab's network from the KAFSC main network

Education

Bachelor of Science, Computer Science   August 2016 – May 2020
Stony Brook University, Stony Brook, NY

Software Engineering Major Diploma, NYDOE High School Diploma   September 2014 – June 2016
Brooklyn Technical High School, Brooklyn, NY

Skills

- Programming Languages: C, Python, Perl, Java, JavaScript, HTML, CSS, and Assembly
- Database: SQL and database manipulation
- Proficient with Google Drive and Microsoft Office applications
- Proficient in Windows and UNIX environments
- Bilingual (English and Spanish)