

IT Systems Administrator IT Systems Administrator IT Systems Administrator Columbia, MD
Authorized to work in the US for any employer Work Experience IT Systems Administrator
Networking Technologies and Support, Inc - Gaithersburg, MD November 2017 to February 2019
Worked as a consultant on a small team to provide deployment and support services to the Bon
Secours Mercy HFM department merger. Configured Citrix VPN and remote applications based on
Azure cloud services with supervision and set up client-side access. Created user accounts, OUs
and distributed group policy objects for the new department members via active directory.
Performed daily system monitoring, verifying the integrity and availability of all hardware, server
resources and key processes, and provided on-site and remote support as needed. Executed
backup operations for HFM systems on a daily and live update basis. IT Support Technician
University of Maryland, Electrical & Computer Engineering - College Park, MD November 2014 to
September 2017 Diagnosed and repaired software, hardware issues for faculty and staff. ?
Performed routine maintenance on Linux Redhat servers, pushed system and application updates
to network images. ? Wrote logon scripts for new group policy objects to distribute specific network
drives and printers for incoming research groups. ? Managed deployment for incoming graduate
research groups ensuring their needs were met to the best of our capabilities. ? Checked in monthly
to confirm faculty and staff were in the correct domain with accurate group policy and subsequent
permissions. Technical ? Programming Languages: Java, C++, JS, Android Java, Node.js,
Python, Microsoft VBA, Ruby ? OS familiarity: Windows 7/8/10/Server 2012, Mac OSX, Redhat,
Android OS, iOS Education Bachelor's in Computer Science University of Maryland-College Park -
College Park, MD January 2015 to May 2019 Bachelor of Science in Aerospace Engineering in
Aerospace Engineering University of Maryland - College Park, MD September 2013 to May 2019
Skills Active Directory, Redhat, System Administrator Additional Information Technical Projects
University of Maryland, Gamera II, Solar Powered Rotorcraft College Park, MD Flight Software
Team September 2014-May 2015 Worked on a team of five members to design a control
algorithm that was capable of stabilizing the rotorcraft with under a four second steady state
response time. Implemented the compensator using an Arduino microcontroller with real-time

feedback loops via multiple gyroscopic sensors. Utilized multiple C++ flight controller libraries to save on overhead time, meet project deadlines and stay within budget. Incorporated a robust tracking mechanism into the control algorithm that was modular enough to handle multiple different obstacle courses. TransitPush, Android Application College Park, MD Full Stack Developer August 2015-March 2016 Developed an android application that pushed notifications via Parse servers to alert users in real time about incoming transit in New York City. Stored user defined bus routes and alarm windows with Parse integrated SQL plugins. Checked for active alarms, sorted MTA real-time bus data and managed push queue through Node.js and cron jobs. Averaged arrival times through excel and VBA scripts that corresponded the day of the week and the date over the last five years to provide approximate subway push predictions. Designed a user-friendly interface with intuitive and limited path options using Android toasts as user feedback mechanisms.

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