Danni Li

Software Engineer at Microsoft

Summary

N/A

Experience

Software Engineer at Microsoft
September 2016 - Present

Edge!

Software Engineer at IBM Flashsystem
February 2014 - August 2016 (2 years 7 months)

Thermal Manager at IBM FlashSystem

-- Core member of the IBM FlashSystem development team. IBM FlashSystem is the next generation all-flash enterprise storage, providing high performance, efficiency, and reliability.
-- Developed thermal management software from scratch which monitors and controls the cooling subsystem. The software is a key component to keep the FlashSystem reliable and power efficient.
-- Followed test-driven development process and reduced development cycles.
-- Developed debugging utility tools to capture system status when a system snapshot is taken.

System Manager at IBM FlashSystem

-- Designed system management software, which monitors component status, handles hardware failure, recovery and shutdown.
-- Developed tools to monitor hardware status, modify Vital Product Data (VPD), set LEDs, and back door triggers to mimic hardware failure.
-- Utilized Docker, Jenkins to integrate and resolve dependencies.

Research Assistant at University of Houston
February 2012 - January 2014 (2 years)

-- Designed and implemented a novel algorithm to calculate breast ptosis using 3D torso scans in Java.
-- Implemented an interface to the back-end database for image query, visualization and measurements.
-- Developed an automated framework for image query, process and analysis using Python.

Education

University of Houston
Master of Science (M.S.), Electrical Engineering, 2011 - 2013
Xidian University

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Contact Danni on LinkedIn