AHMAD AWAD

Software Engineer

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📍 Knoxville, Tennessee

EXPERIENCE

Software Engineer Intern

Siemens Healthineers

📅 02/2016 - 06/2017   📍 Knoxville, Tennessee

- Organized and collected over 10TB of system usage data
- Structured data into MongoDB to provide a robust, and high performance data query
- Designed and maintained MySQL database servers to store massaged data which allowed analytics to run high performance data queries using modality specifc parameters.
- Created workbooks and dashboard in Tableau to provide trend and analysis on utilization on PET scanners
- Provided customer usage profile for Vice President of R&D for a target set of customer interaction
- Developed and maintained an ASP.NET MVC web application that provided an easy way to query Mongo and MySQL databases as well as providing charts and trends of the data

Software Engineer 2

Siemens Healthineers

📅 06/2017 - Ongoing   📍 Knoxville, Tennessee

- Maintained the installation process for different components of PET systems
- Maintained the imaging process for different computers that are part of the PET product
- Modernized outdated batch scripts into Powershell
- Developed and maintained an installer framework that can be used across multiple MI divisions
- Implemented a WPF solution for the automation of remote optical media creation
- Supported development teams with day to day installation impediments

PROGRAMMING LANGUAGES

- Working Knowledge of:
  - C#, Powershell
- Familiar with:
  - Python, C++

DATABASES

| MySQL | MongoDB |

EDUCATION

B.S. Computer Science

University Of Tennessee

📅 05/2017

GPA **3.81** / 4.0

OTHER SKILLS

Strong mathematical skills

Work well in team envirnmont

Passionate for solving problems