Jacqueline Smith

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Education

Indiana State University, Terre Haute, IN   Expected May 2022
Bachelor of Science in Computer Science
GPA: 3.6/4.0

Relevant Coursework & Skills

- Selected Coursework: Data Structures (Java), Web Applications, Database Applications, Distributed Systems, Computer Systems (C and Unix), Theoretical Ideas in Computer Science
- Coding: C/C++, Java, x86 assembly, C#, PHP, Javascript, HTML, CSS, SML, Ruby, Perl
- Technologies/Environment: Windows, Win32 API/GUI, Linux, MySQL, OpenGL, ASP.NET

Internship

Qual-Tek Co., Terre Haute, IN   June 2021 – Aug. 2021
Programmer Intern

- Diagnosed and fixed performance, processing, and permissions issues in Windows and SQL
- Ensured data availability and integrity in SQL and High-tech's proprietary database
- Migrated existing website from SQL Membership to to ASP.NET
- Resolved customer issues in a clear, courteous, and straightforward manner
- Conducted research to address issues within customers' clinical systems

Work Experience

ISU Office of Information Technology, Terre Haute, IN   Sept. 2019 – Present
IT Technician

- Maintain projectors, PC Desktops, public printers, and other instruction-critical technologies
- Receive 10+ calls daily and provide first and second-line support to faculty having difficulty with classroom technologies
- Assist faculty and staff with audio/visual set-ups on campus
- Assist with recording and editing of music recitals and some video engineering

Projects

- Ebarter - an online bartering system running on Apache Tomcat • Applied software engineering principles along with J2SE Web Development Kit • Led team in coding phase of development
- MapReduce Engine – Implemented a Hadoop-like MapReduce facility with master and worker notes for map – reduce operations over large datasets with a distributed file system and fault tolerance to address data node failures
- Intelligent Indoor Emergency Response System - Developed a priority-based auctioning algorithm for task allocation in a multi-agent environment. Using a modified A* algorithm, tasks were prioritized based on proximity to the location of the fire resulting in an efficient evacuation.

Collegiate Involvement

Association for Computing Machinery, Terre Haute, IN   Sept. 2018 – Present

- ACM brings together computing educators, researchers, and professionals to inspire dialogue, share resources, and address the field's challenges; professional development and networking