Tae Kim

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Experience

Software Engineer II TDS Telecom

Madison, WI (remote) | Dec 2021 - present
- Built RESTful apis using flask framework to serve data to users from noSQL(Couchbase) databases
- Increased efficiency and accuracy of noSQL searches by altering indexing and lookup capabilities
- Created scripts to fix incorrectly stored data
- Improved legacy applications by refactoring code and enhancing log messages to be used with Kibana
- Identified, tracked, and fixed bugs

Quality Control Analyst Scientific Protein Laboratories

Waunakee, WI | Mar 2019 – Nov 2021
- Use current Good Manufacturing Practice(GMP) standards to accurately document findings
- Review GMP documentation completed by other analysts
- Train and mentor new analysts
- Contribute to improvements in current documentation and create new documents that adhere to GMP standards
- Developed and implemented Corrective and Preventive Actions and Continuous Improvement Actions
- Acted as project manager for new method validation

Software Quality Assurance Epic Systems Corporation

Verona, WI | July 2014 – Feb 2019
- Designed test plans, scenarios, scripts, or procedures scripts to test functionality and usability of software (mostly manual, some automated)
- Developed testing programs that address areas such as database impacts, software scenarios, regression testing, negative testing, error or bug retests, and usability
- Documented software defects using a bug tracking system, and reported defects to software developers
- Documented test procedures to ensure replicability and compliance with standards
- Organized projects for small teams of 5-10 people during the software development life cycle (SDLC)
- Investigated and provided accurate, customer-facing documentation of escalated issues as a reportable reviewer
- Provided technical support during software installs and upgrades around the US
- Solicited feedback to enhance end user experience and productivity by coordinating and running customer forums
- Planned test schedules and strategies in accordance with project scope or delivery dates
- Dynamically prioritized assignments when impromptu, high-priority tasks arose
- Participated in product design reviews to provide input on functional requirements, usability, and potential issues
- Reviewed and improved deficiencies in QA processes through root cause analysis

QA Lead for Cupid Foundation System Epic Systems Corporation

July 2015 – November 2018
- Collaborated with colleagues from different roles/applications to come up with standard, integrated workflows and build for 100+ organizations
- Delegated and managed deadlines of tasks each month for 20 team members by accounting for employee outages and varying workloads

Education

University of Wisconsin | Madison, Wisconsin | June 2019- December 2020
Professional Capstone Certificate in Computer Science

University of Maryland | College Park, Maryland | Fall 2009 – Spring 2013
B.S. in General Biology / Minor in Philosophy
College Park Scholar: Life Sciences / Entomology Departmental Honors

Skills

Python, Javascript, Java, C, Linux, HTML/CSS, SQL, NoSQL(Couchbase), Unit Testing, Automated Testing, Black-Box Testing, Design/Usability, Technical Documentation, Agile Development Processes (Scrum/Kanban), Issue Identification/Tracking, Jira, Software Development Life Cycle(Waterfall), Root Cause Analysis, Object Oriented Programming(OOP), Data Structures, Algorithms, Git