Lina Kang

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Education

Bachelor of Science in Computer Science   GPA: 3.7/4.0
Illinois Institute of Technology   *December 2022*
Achievements: Deans List, IIT 55th Annual Writing Contest Winner, Heald and University Scholarship
Relevant courses: AI, Operating Systems, Data Mining, Database, Algorithms, Cybersecurity, Networking

Skill Sets

Languages: Python, Java, C, Go, SQL, PostgresSQL, Racket, Typescript, HTML, CSS, MIPS, x86
Technologies/Tools: Angular, React, Spring, Node.js, Postman, Tomcat, Oracle DB, Jira, Git, Docker, Gradle

Professional Experience

Full Stack Software Engineer Intern | Visa   *May 2022 – Aug 2022*
- Built full-stack dashboard web application that shows server health status of various services
- Constructed REST services for multiple endpoints using Spring to fetch data from API calls and queried server hostname, connection retry count, status, and timestamp from SQL database
- Created UI using Typescript to run endpoints, refresh page, and filter servers by data centers
- Wrote unit test cases and utilized Tomcat debugging tools to troubleshoot and log output errors

Software Engineer Intern | American Express   *June 2021 – Aug 2021*
- Built Python program that parses through JSON file and tracks changes in PEGA applications in real-time
- Automated removal of customer accounts from databases in Go increasing deletion speed by 10%
- Performed API tests to make HTTP requests and integrate automated testing into CI/CD pipeline
- Implemented unit test cases to ensure reliability of logger parser functions and front-end components
- Conducted scrum meetings and sprint reviews as Project Manager on Site Reliability Engineering team

Projects

Payment Management Database Application   *Feb 2021 – Apr 2021*
- Created relational schema and entity-relationship diagram for enterprise payment management system
- Developed PostgreSQL script allowing system administrator to manage database and modify records

Flutter Mobile App   *Oct 2020 – Dec 2020*
- Co-developed Android Studio mobile app enabling users to create shared platform for calendars and lists
- Collaborated with 4 front-end developers to design checklist screen on user interface in Dart

Virtual Music Player   *Oct 2019 – Dec 2019*
- Developed Java streaming app for users to add/shuffle music, import music to CSV file, and show playlist
- Implemented features such as inheritance and abstraction for reusability of app functions for users

Leadership Experience

Event Coordinator | Association for Computer Machinery - Women   *Jan 2020 – Present*
- Coordinated meetings and workshops for club members to learn technical skills and industry knowledge

Interlibrary Loan Assistant | Illinois Institute of Technology   *Aug 2019 – Present*
- Trained staff in WorldShare (cloud-based library services platform) and demonstrated methods of researching articles, navigating through digital libraries, and managing group study rooms

Organizations

- Event Committee Officer of Association for Computer Machinery-Women (ACMW)
- Member of Society of Professional Hispanic Engineers (SHPE)
- Member of Association for Computer Machinery (ACM)