

Kevin Lin

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EDUCATION

- **Iowa State University** Ames, IA
Bachelor of Science in Computer Engineering Aug 2019 – May 2023
Courses: Data Structures, Design and Analysis Of Algorithms, Artificial Intelligence, Operating Systems, Computer Architecture
- **Metea Valley High School** Aurora, IL
High School Diploma Aug 2015 – June 2019

EXPERIENCE

- **Iowa State University** Ames, IA
Technical Support Specialist Nov 2019 - Present
 - Supported students, faculty, and staff at Iowa State University, troubleshooting and resolving any technical issues at the Iowa State Solution Center.
 - Trained new Solution Center employees, updated internal documentation, and created public facing knowledge articles, reducing the Solution Center's workload by hours.
- **Northwestern Mutual** Milwaukee, WI
Tech Operations Intern June 2022 - Aug 2022
 - Developed Inky HTML email templates with Zurb's Foundation for Emails in a Node.js runtime environment.
 - Automated creation of List entries in Microsoft SharePoint, eliminating hours of manual work for System Engineers.
 - Architected and implemented a CICD pipeline, sending out crucial monthly Windows Security Update communications to thousands of home office workers.

PROJECTS

- **Dates and Duties**
Android Application
 - Developed back-end Java code with the Spring framework, working with JDBC, Spring MVC, and doing thorough testing with Mockito to ensure code quality.
 - Utilized SpringBoot and MySQL relational database connections to store persistent records of user accounts, passwords, and relevant tasks.
 - Developed and deployed RESTful APIs via SpringFox and Swagger, allowing the front-end development team to efficiently pull relevant data from a cloud hosted server.
- **iRobot Roomba: Mars Rover**
Embedded System
 - Programmed an iRobot Roomba in C to have the capability to navigate around objects both autonomously and manually.
 - Worked with low level embedded system protocols and concepts, including UART, GPIO, and hardware architecture(memory, cache, interrupts, clock).
- **Park@NM**
JavaScript Web Application
 - Developed back-end code in JavaScript, defining routes for CRUD operations using Express as the web application framework.
 - Implemented connection of SQLite3 Node.js module to enable communication between the web app and records of form entries in the SQLite database.

PROGRAMMING SKILLS

- **Languages:** Java, JavaScript, Python, C/C++, Bash, PowerShell
- **Software:** Atlassian (Jira, Confluence), Microsoft (Azure AD, VS Code), GitHub, Mural, Docker
- **Other:** Linux, Windows, Mac, Git, SpringBoot, CI/CD, DevOps