

# Allen Kim

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## Summary:

Self motivated and results-driven software engineer with a desire to learn new technologies to build real-world solutions to complex problems using a variety of tools and technologies.

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**Skills:** Critical Thinking, Communication, Open Mindness, Collaboration

**Programming Languages:** Java, JavaScript, Python, HTML, CSS

**Databases:** SQL, SQLite, MongoDB

**Tools and Frameworks:** Node.js

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## Relevant Courses:

### SW Security Testing and QA

- Demonstrated a maturing level of understanding with regard to **test terminology, strategy and planning** which included encompassing **white-box and black-box testing, domain testing, functional testing, and integration testing.**
- Develop comprehensive testing plans, **generate test cases**, and utilize various techniques and tools to ensure software quality

### Software Engineering Practicum

- Learning to solve complex problems using **algorithms** and professional skills such as **Sequence Graphs** and **UML Diagrams**
- Gained experience in **agile development methodologies**, while actively participating in **sprint planning** and the **SDLC process** with my team to create a portfolio project on github.
- Solve complex and significant problems with professional skill by formulating efficient and effective algorithmic solutions.

### Data Structures

- **Developed** an **understanding** of **data structure concepts** and their implementation using **Java.**
  - Completed several projects **implementing** various **data structures** which provided a background on implementing them on other languages such as **JavaScript**
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## Projects:

### Safe Home Application

- Created a Login page using **HTML/CSS** for users to create accounts of different levels of permissions.
- Connected the front end to a **SQL database** to store multiple accounts where admin can edit permissions and user login information
- Utilized **Software Engineering Principles and Methodologies** such as **SCRUM** and Use Case Principals

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Education: Bachelor of Science in Computer Science, Clayton State University

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