

WINTAI CHAN

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PROFESSIONAL SUMMARY

- Motivated and detail-oriented **graduate software developer** with a bachelor's degree in Electronic Engineering from University of Southampton.
- Strong experience in software development using **Java, Python, and JavaScript**.
- **AWS Certified Solution Architect Associate**
- Skilled in problem-solving, teamwork, and project management. Seeking to apply my skills and knowledge in a challenging software development role.

SKILLS

- | | |
|-------------------------|--|
| • Programming Language: | Python, Java, C/C++ |
| • Web Development: | HTML/CSS, JavaScript, ReactJS, NodeJS, Flask, Django |
| • Framework: | Spring, Spring Boot, Spring MVC, JPA, Hibernate |
| • Databases: | MySQL, MongoDB, Neo4j |
| • Tools: | Git, Docker, Kubernetes, Terraform, Jenkin, Maven |
| • Testing: | JUnit, Mockito, PyTest |
| • AWS: | S3, Lambda, ECS, EKS, CloudFormation, EC2, RDS |
| • Technical: | CI/CD, REST, Unit-testing, Microservices |

EXPERIENCE

Software Engineer Intern

Mar 2020 – Sept 2020

Ping An Technology

- Developed and maintained software applications for clients in various industries using Java and Python.
- Conducted thorough testing and debugging of software to ensure optimal functionality.
- Designed and implemented data models in Python and Neo4j to create a web application using Flask to display and search routing paths between machines in the Local Area Network

Software Developer Intern

Oct 2019 – Feb 2020

Bilibili Group

- Worked on the development of a web-based application using ReactJS and Node.js
- Collaborated with team members to integrate application features and resolve issues
- Conducted unit and integration testing to ensure quality code delivery

EDUCATION

University of Southampton

BEng(Hons) Electronic Engineering

2018 - 2022

- Relevant courses: Foundations of Machine Learning, Advanced Programming, Embedded Network Systems, Robotics

CERTIFICATES

AWS Certified Solution Architect Associate (SAA-C03)

PROJECTS

Smart Home Monitoring and Security System

• Stack: C, JavaScript, HTML/CSS, Google Firebase

- Developed a system to monitor the environmental criteria of the house, temperature/humidity, intruder detection, smoke detection etc, associated with a web application deployed on Firebase for data logging and visualization.

URL: <https://github.com/wintai9899/Firebase-Web-Application-for-Home-Monitoring-System>

Personal Daily Task Management Tool

- *Stack: Java, Spring Boot, JPA, Spring Security, H2 DB*
- Developed a personal task management web application contains features such as user authentication, tasks planner, To-Do list, and CRUD operations, and data is stored in the H2 database.

URL: <https://github.com/wintai9899/SpringBoot-Todo-App>

Network Routes Topology Search Application

- *Stack: Python/Flask, Neo4j, Vue.js*
- Developed an automated network topology web application with Neo4j Database. URL: <https://github.com/wintai9899/Netstat-Map-Python-Flask-Vue.js->

Decentralized Crowdfunding Platform

- *Stack: Solidity, Ethereum, React.js + Next.js*
- The project is a decentralized crowdfunding application, built to solve the problem of money being misused by people, collected using the traditional crowdfunding applications.

URL: <https://github.com/wintai9899/kickstarter-campaign-smart-contract>