

KAILONG,DUAN

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SUMMARY

Currently pursuing a Master's degree in Software Engineering at **Southern Methodist University**, seeking Software Engineering Internships for Summer/Winter 2025, and Full-time Software Engineering roles starting 2026. Over **four years of professional experience** in software development with a proven track record in front-end and back-end technologies, and strong expertise in algorithmic problem-solving.

ACHIEVEMENTS

LeetCode Weekly Contest Rating: 1850+ ([Knight](#))

[AWS Certified Cloud Practitioner](#)

EDUCATION

Southern Methodist University

Dallas, TX

Master Degree in Software Engineer

May 2024-May2026

Henan University of Economics and Law

Zhengzhou, China

Bachelor's Degree in Science

Sep 2013 - Jun 2017

EXPERIENCE

Truelore

Beijing, China

Software Engineer

Aug 2020 - 2022

- Led development of a large-scale internal management system using React.js, implementing Single Sign-On (SSO) to enhance security and user experience.
- Improved development efficiency by resolving critical framework issues, reducing operational costs by 20%.
- Designed and executed an advanced component-based architecture, significantly improving system modularity and scalability.
- Integrated payment and image upload functionalities into WeChat mini-programs, enabling seamless mobile transaction processing.

iSoftStone

Shenzhen, China

Software Engineer

Aug 2018- Aug 2020

- Developed scalable Single Page Applications (SPAs) and mobile applications, handling complex cross-origin API integrations.
- Enhanced software reliability by collaboratively solving complex problems, segmenting tasks into manageable modules.
- Contributed to a strategic project adopted by Huawei, aimed at accelerating Android R&D, which received multi-million CNY funding.

SKILLS

Languages & Frameworks:

- TECHNICAL SKILLS Languages: **Java, Python, JavaScript, HTML, CSS, SQL**
- Frameworks/Libraries: **Spring Boot, React.js, Vue.js MySQL, Oracle**
- Tools & Platforms: **Docker, Jenkins, GitLab, Linux, Nginx, Kafka, AWS (Learning)**
- **Competencies: RESTful APIs, Microservices, CI/CD,**
- Algorithm design **Graph theory, Dynamic Programming, BFS, DFS**

Program

Digital Huarong Road

<https://digital-huarong-road-gold.vercel.app/>

- Interactive puzzle game featuring automated CI/CD pipeline via Vercel.
- Implemented A* search algorithm to optimize solutions efficiently.

Excavator

<https://webgl-projects.vercel.app/>

- A collection of interactive **WebGL-based graphics projects**, demonstrating real-time rendering and 3D visualization techniques.
- The code follows OOP design principles, making it easy to maintain and modify