

TRINITY KLEIN

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Education

University Of Houston

Houston, TX

May 2025

BS in Computer Information Systems, GPA: 3.5/4.0

Relevant Coursework: Database Management, Network Infrastructure, Application Development, Cloud Computing, Information Security, Systems Analysis.

Honors & Activities: Cum Laude, Dean's List (3x), FITP Member, AWS Game Day, Cloudathon@UH, AWS Week

Technical Skills & Projects

Computer: Java, Python, JavaScript, HTML/CSS, MySQL, Linux/Windows, AWS (EC2, VPC, IAM, S3), Microsoft Excel

Certifications: [AWS Certified Cloud Practitioner](#), [Data Analytics Essentials](#)

Interests: Exploration of French cuisine, with focus on Michelin-level technique, plating, and flavor balance

GoGreen Insurance Cloud Architecture

- Designed and documented AWS migration strategy for 3-tier enterprise application, creating detailed architecture diagrams.
- Configured EC2, VPC segmentation, IAM roles, and S3 lifecycle policies to maximize scalability and security.
- Deployed proof-of-concept in AWS Learner Labs with complete deployment and rollback playbooks for continuity.

Innov8 Barbershop Scheduling Application

- Co-led Agile sprints, backlog prioritization, and client reviews, producing a launch-ready scheduling application.
- Directed cross-platform testing and debugging, ensuring reliable functionality across desktop and mobile devices.
- Integrated scheduling APIs and CI workflows, improving release predictability and maintainability.

Enterprise Data Platform Project

- Spearheaded full-stack application enhancement by transitioning from Vue Options API to Composition API, improving maintainability and modularity.
- Implemented secure user authentication, role-based access control, and CRUD functionality for service management.
- Designed and integrated interactive data visualizations on the dashboard, enhancing user experience and application functionality.

Experience

Southeast Hypnosis

Friendswood, TX

Intern

March 2020 - December 2024

- Developed and deployed custom appointment system, reducing scheduling workload by ~50% and cutting no-shows by ~20%.
- Migrated corporate site from Site Ground to WordPress, boosting load performance by ~40% and reducing downtime.
- Digitized client records into centralized database, enhancing data accuracy and accessibility.
- Integrated AI chatbot and automated reminder funnel, increasing client leads by ~25% and improving retention.

Greater Business of Pearland

Pearland, TX

Ambassador

November 2021 - May 2024

- Conducted demographic analysis of 1,500 attendees using Excel, driving targeted marketing segmentation.
- Strengthened community partnerships with 25 local businesses, boosting event attendance to approximately 3,000.
- Produced social media campaigns for 25 small businesses, generating around 1,500 additional attendees.