

Trinity Klein

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Education

UNIVERSITY OF HOUSTON

BS in Computer Information Systems, GPA: 3.54/4.00

Houston, TX

May 2025

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

Technical Skills & Projects

Programming: Python, SQL, Java, JavaScript, HTML/CSS

Tools: AWS (EC2, VPC, IAM, S3), Linux/Windows OS, Git, Web application frameworks, CI/CD workflows

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

GoGreen Insurance Cloud Architecture

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

Innov8 Barbershop Scheduling Application

- Co-led Agile sprints, backlog prioritization, and client reviews for a launch-ready scheduling platform.
- Directed cross-platform testing/debugging to ensure mobile and desktop reliability.
- Integrated scheduling APIs, improving predictability of releases.

Enterprise Data Platform Project

- Migrated codebase from Vue Options API to Composition API, improving modularity and maintainability.
- Implemented secure authentication, RBAC, and CRUD services for enterprise data operations.
- Built interactive data visualizations to enhance the usability of the analytics dashboard.

Experience

SOUTHEAST HYPNOSIS

Friendswood, TX

Intern

March 2020 - December 2024

- Deployed automated appointment system, reducing scheduling workload by ~50% and client no-shows by ~20%.
- Migrated corporate site from Site Ground to WordPress, boosting performance by ~40% and reducing downtime.
- Centralized client records into a digital database, improving accuracy and accessibility.
- Integrated AI chatbot and automated reminder funnels, increasing client leads by ~25% and retention.

GREATER BUSINESS OF PEARLAND

Pearland, TX

Ambassador

November 2021 - May 2024

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

Involvement

FUTURE INFORMATION TECHNOLOGY

Houston, TX

Member

August 2020 - May 2025

- Engaged in professional development workshops on cloud computing, cybersecurity, and enterprise systems.
- Collaborated with peers on semester projects exploring IT infrastructure and application development.
- Participated in events connecting students with technology leaders and alumni in Houston's IT community.