CLIFFORD CHEEFOON

SYSTEMS ARCHITECT

✉ cheefoonclifford@yahoo.com

📍 New York, NY

in www.linkedin.com/in/clifford-cheefoon-2aa0a5140/

📞 (XXX)-XXX-XXXX

EDUCATION
—

MASTER OF COMPUTER SCIENCE
WITH DISTINCTION
Arizona State University
Ira A. Fulton Schools of Engineering, 2025
GPA: 4.0 (4 point scale)

BACHELOR OF TECHNOLOGY
COMPUTER SYSTEMS
SPEC: Software Development
NYC College of Technology, 2020
GPA: 3.945 (4 point scale)

SKILLS
—

System Design

Prototyping

FinOps

AI Agents (MongoDB Verified)

Kubernetes (Flux/Helm) (Google Verified)

GCP, AWS and Azure clouds

Data Pipelines

Docker

ElasticSearch

Android App Development(JAVA)

Java Applications (JSP)

.NET Applications (C#)

Databases (Postgres, Oracle, MongoDB)

CompTIA A+ CERTIFICATION

PROFESSIONAL EXPERIENCE

S&P Global - automotiveMastermind / Principal Architect
July 2021 - PRESENT, NY, USA

- Engineered and spearheaded the deployment of a cost-effective, scalable data platform for ingestion, warehousing, enrichment, and machine learning to analyze and predict economic factors in automotive purchasing across North America.
- Designed and led the implementation of a next-generation self-service AI-centric marketing platform for North American Dealerships.
- Prototyped and drove team development of AI systems enabling customers to efficiently navigate and interpret complex data stacks without subject matter expertise.
- Directed and accomplished numerous FinOps and cost optimization initiatives, realizing approximately $430,000 USD in annual savings.
- Spearheaded Proof-of-Concept research, evaluating new technologies' business viability through cost analysis, dynamic requirements, and ease of adoption.
- Engineered and maintained a Kubernetes cluster cloud environment, ensuring robust fault-tolerance and auto-scaling as part of an Infrastructure-as-code initiative.

Cenedex Software Solutions / Software Developer & Project Manager
SEPT 2018 - JULY 2021, CALI, USA

- Led development teams and orchestrated communication under the SCRUM agile methodology, leveraging UML 2.0 diagramming.
- Engineered a dynamic computation system, replacing a client's static hardware with a scalable on-demand virtualized solution, generating an estimated $17,000 USD monthly savings.
- Drove the decoupling of a standalone mobile application into a fully modular system, enabling API access for future platform expansion, and built an application management web console to control the application and monitor statistics.

PERSONAL EXPERIENCE & KNOWLEDGE

- Machine Learning(Tensorflow, Python, JavaScript)
- Contextual Speech Recognition(Dialogflow, Node.js)
- Data security and Forensics (Autopsy, FTK imager, Wireshark)
- GPS Systems
- Game Development (Unity Engine, C#)
- Microcontroller programming (Arduino platform, ESP-12)
- Develop and maintain applications under the brand Eridani Digital Technology (https://www.eridanidigitaltech.com/)