

# C. Larraine Mensah

www.clmensah.com • larmensah@gmail.com • linkedin.com/in/clmensah • Atlanta, GA

## TECHNICAL SKILLS

---

- **Development:** Java, Python, C/C++, SQL, Javascript, Node.js, PHP, Groovy, Apache Tomcat
- **Cloud Computing:** AWS, Azure, Cloud Foundry, GCP
- **Infrastructure Management:** Chef, Terraform, Helm, Ansible, Jenkins, Docker, Kubernetes, Apache Hadoop/Kafka
- **CI/CD:** Splunk, Dynatrace, VMWare Aria, Digital.ai, Axon Framework, Apache Maven
- **Other:** Excel, Power Query, OracleDB, Redis, Postgres

## WORK EXPERIENCE

---

### Mastercard

Site Reliability Engineer

Atlanta, GA

August 2023 - Present

- OS Patching Lead
  - Reconstructed business unit's standard quarterly OS patching procedure to decrease time to patch by ~50% (8-10 hours) by creating documentation, implementing automation, and eliminating toil
  - Developed Jenkins pipelines, Python scripts, Splunk dashboards, and implementation/validation documentation to address toil
  - Provided a demo for all site reliability teams in the business unit in order to set a standard of optimization
- Observability Tool Subject Matter Expert
  - Utilize Splunk and Dynatrace to create alerting and reporting from application-generated logs based on operational and development requirements
  - Completed internal training programs to obtain elevated privileges in Dynatrace
- Root Cause Analysis
  - Initiate and drive root-cause analysis to investigate and resolve application and infrastructure-related incidents
  - Collaborate with product and development stakeholders to quickly address incidents in production
- Operational Resilience Advocate
  - Identify operational gaps and address them using Jenkins and Chef to boost enablement and further implement a standard of operational resilience
  - Remain vigilant of opportunities to boost automation maturity of applications
- Change Management Coordinator
  - Utilize Remedy to schedule activities and assign tasks to stakeholding and supporting teams
  - Work closely with product, development, and managerial stakeholders to avoid conflicts
- PCI Compliance Champion
  - Promptly address any potential breaches in PCI Compliance and implement safeguards to avoid reoccurrences
  - Coordinate with development, business, and operational stakeholders during the planning, development, and deployment phases to enforce compliance and ensure production readiness
- VM and Cloud Infrastructure Maintenance
  - Support the migration of platforms from private cloud infrastructure to public cloud infrastructure

### CyberArch

Cybersecurity Intern

Athens, GA

Sept 2022 - May 2023

- Government Agency Consulting
  - Consulted with local government agencies and organizations to establish a culture of information security and contribute to stronger cyber infrastructure throughout the state of Georgia
  - Leveraged consulting foundation and CIS & CCSMM cybersecurity frameworks to provide customized solutions
  - Earned MIT's Cybersecurity for Critical Urban Infrastructure Certification

### Fast Enterprises

Implementation Consultant Intern

Centennial, CO

May 2022 - Aug 2022

- Government Contractor Consulting
  - Implemented an ad-hoc process using SQL and Power Query to optimize and organize the internal operations of GenTax, an integrated tax processing software package used by 43 state governments
  - Consulted with internal product and development stakeholders to identify and understand current operational gaps

### Computational Pharmaceutical Discovery Laboratory

Undergraduate Research Assistant

Athens, GA

Sept 2021 - Dec 2022

- Python programming and Machine Learning
  - Collaborated with a team of bioinformatics researchers to expand upon the functionality of DeepDISE, a computational method developed to predict the location of DNA binding sites
  - Implemented a deep learning model using Python and machine learning to predict the location of RNA binding sites with the goal of understanding their interactions with potential pharmaceutical candidates

## PROJECT EXPERIENCE

---

### Multi-threaded Web Server

- Utilized C to build a multi-threaded web server using socket programming, thread pools, semaphores, and mutexes in a Linux environment

### Auto-Grader for a C++ Program

- Utilized Python, AWS Elastic Beanstalk, Docker, Flask, and Linux containers to create a program that allows for users to upload and auto-grade a C++ program

## EDUCATION

---

**Bachelors of Science in Computer Science**  
University of Georgia, School of Computing

Athens, GA