

SADIQ HARUNA

SOFTWARE ENGINEER

harunasiddique@gmail.com | 3033499142 | Irvine, CA | [linkedin.com/in/sadiqharuna/](https://www.linkedin.com/in/sadiqharuna/) | github.com/codersrule

SUMMARY

Software Engineer with **hands-on experience at Amazon**, building high-performance applications, **optimizing search algorithms**, and implementing large-scale experiments that improved platform engagement. Proficient in Python, TypeScript, C, and AWS cloud services, with strong expertise in data structures, algorithms, and backend development. Skilled in designing and deploying full-stack applications and writing robust integration tests to raise operational excellence above 95%. Passionate about solving complex technical challenges, improving system scalability, and driving measurable improvements in systems.

EDUCATION

Master of Embedded and Cyber-Physical Systems , Software Engineering University of California, Irvine	<i>Sep 2025 - Dec 2026</i>
Bachelors of Science , Computer Science University of Arkansas at Pine Bluff	<i>Aug 2016 - May 2020</i> GPA: 3.9

SKILLS

Programming: C, Python, Typescript, Data Structures & Algorithm, AWS Cloud Service.

Web Development: Designed and developed my portfolio site <https://codersrule.github.io/portfolio/>

Database: SQL, MySQL, MongoDB, DynamoDB

Soft Skills: Team Player, Effective Communicator, Excellent Time Management Skill, Very Dependable, Troubleshooting, Testing, Analytical

EXPERIENCE

Software Engineer , Amazon	<i>Dec 2023 - Mar 2025</i>
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- Worked on a team that implemented static filters on Amazon app, generating approximately **\$150M OPS** and **1.95M paid units**.
- Led the implementation of experiments across four marketplaces, generating **\$90M OPS** and **1.8M (0.02% increase) in clicks**.
- Wrote **robust integration tests** that increased the operational excellence of existing systems above 93%.
- Collaborated with product managers and data scientists to design A/B experiments for serving static filters across multiple locales.
- Deployed and monitored production systems using AWS Lambda, CloudWatch, and EC2 to ensure 99.99% **uptime**.
- Mentored new hires on onboarding tasks and internal frameworks, improving team ramp-up time by 40%.

Software Development Engineer Intern , Amazon	<i>Jun 2022 - Aug 2022</i>
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- Designed and developed a full-stack **React** application to automate an internal widget configuration process.
- Deployed the application using **AWS CloudFormation, EC2**, and **S3** for production rollout.
- Collaborated cross-functionally with front-end and back-end engineers to architect a robust CI/CD pipeline.
- Conducted usability testing and implemented user feedback, improving internal workflow efficiency by **30%**.
- Documented application design and deployment processes to streamline future project onboarding.

Data Scientist , University of Arkansas for Medical Sciences	<i>May 2018 - Aug 2018</i>
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- Supported principal investigators to research the efficacy of treating patients diagnosed with small bowel obstruction surgically.
- Executed qualitative and quantitative analysis of data extracted from the National Readmissions Database using JMP Pro software and Python scripts.
- Developed and Interpreted reports and made recommendations regarding research results.
- Presented research paper at the Annual INBRE Research Symposium at the University of Arkansas at Fayetteville.
- Submitted abstract research paper to the Academic Surgical Congress for publishing in 2019.