SHAFKAT KABIR

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OBJECTIVE

Secure an entry-level software engineer job that will allow me to learn and grow professionally.

EDUCATION

B.S., Computer Science, Michigan State University   May 2024

- CS GPA: 3.80, Cumulative GPA: 3.77
- Cognate in Business
- Related Coursework:
  - CSE 320, Computer Organization and Architecture (Assembly Programming, C)
  - CSE 331, Data Structures and Algorithms (Python)
  - CSE 335, Object Oriented Programming, (C++, UML, wxWidgets)
  - CSE 325, Computer Systems
  - CSE 477, Web Application Architecture and Development (Python, HTML/CSS, JavaScript, Docker)
  - CSE 480, Database Systems (Python, SQLite)
  - CSE 431, Algorithm Engineering (Python)
  - CSE 840, Computation Foundations in Artificial Intelligence

EXPERIENCE

CSE 498 Capstone Project, United Airlines   Fall 2023

- Spearheading the development of an AI model to automate audits of third-party vendor manuals.
- Guiding the design and architecture of a full-stack web app while helping teammates finish tasks on time.
- Contributing to API development for seamless communication between the frontend and backend.
- Utilizing AWS cloud services (DynamoDB, S3, Elastic Beanstalk) to deploy all components and store data

Software Engineer Intern, Rocket Mortgage   Summer 2023

- Guided new interns in the usage of required technologies by leveraging prior experience.
- Utilized terraform for continuous deployment to AWS services and Kubernetes.
- Extracted data from internal company services to preprocess them and generate test loans for testing.
- Delivered MVP 3 weeks ahead of schedule and achieved 2 additional stretch goals.

Software Engineer Intern, Rocket Mortgage   Summer 2022

- Collaborated with a team to design and develop a full-stack web app (Angular, ASP.NET, Python, PostgreSQL).
- Acquired new technology skills in 2 weeks via mentorship and company resources.
- Spearheaded API development for AWS Redshift data exchange while achieving quick response time.
- Created and utilized AWS Lambda function using Python to enhance data security.

SKILLS & ABILITIES

- C, C++, Python, ASP.NET, HTML/CSS, JavaScript, GIT, Terraform, React.JS, Angular

LEADERSHIP

- **SpartaHack 9**
  - Serving as Operations Team Lead to ensure a smooth execution of the event
  - Leading a team of 7 students plan, organize, and execute all event operations for Michigan's largest hackathon

HOBBIES

Guitar, Singing, Soccer