

Shoaib Rain

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Education

University of Texas Arlington

Arlington, TX

Bachelor's in computer science — **3.5/4.0 GPA**

Dec 2022(Expected)

Relevant coursework: Data Structures, OOP, Assembly, Discrete mathematics, Statistics & probability, Professional Communication, Machine structures, Calculus, Computer security

Technical Skills

Languages & tools: Python, JavaScript, C, C++, React, Nodejs, SQL, NoSQL, Jenkins, APIs, Git, HTML/CSS, Bootstrap, Tailwind

Skills & knowledge: Debugging, linux, data structures & algorithms, Object Oriented design, databases, Agile(Scrum), Web development, Machine learning, visualization(matplotlib, seaborn), Pandas, numpy, Microsoft Office

Experience

Software Engineer Intern

June 2021 – Present

NetApp

Waltham, MA

- Designed & developed **APIs and interface** to show various internal status like patch & metadata
- **Developed** a CRUD for arbitrary key-value pairs to be applied for tenants
- Upgraded a back-end portal, an internal web application, with various features like single sign in, UX improvements, & **optimized** the engineering efficiency by about 20%

Devops Engineer

March 2021 – June 2021

Srimatrix Inc, Contract

Plano, TX

- Developed & **improved** build process to automatically deploy artifact reports
- Configured and **administered** Jenkins CI tools on a Linux machine
- Developed shell, Ant and python Scripts for **automation** purposes

Student Associate

December 2020 – March 2021

University of Texas Arlington

Arlington, TX

- **Maintained** the University of Texas, Arlington website, & sub-websites and helped the university in maintaining its online presence with up-to-date information
- Collaborated with various faculties and organizations on campus and assisted them with different projects and campus events
- Assisted in collecting data from various sources including UT system, Google Analytics, performed data analysis, & helped faculties plan online classes for more than **35,000 students**

Technical Projects

Sentiment Analysis | [github](#) [demo](#)

June 2020

- Trained a ML model on IMDb review data for sentiment analysis and deployed it with AWS SageMaker
- Developed a website for users to interact with the model

Budgeting webapp | [github](#) [demo](#)

March 2020

- Built a JavaScript web application to log income & expenses
- Learned & implemented functional calling, loops, order of operations, error handling in JavaScript

YouTour | [github](#) [demo](#)

October 2019

- Built a website to promote tourism & mountain climbing in Nepal using HTML, CSS & SASS
- Implemented a BEM methodology for HTML & CSS classes for better coding practice

Extracurricular Activities

- **Software Engineer:** Building dashboard interface for Mars Rover at **UTA Rover**
- **Web Developer:** provide support and maintenance to organisation's public website **nrnusa.org**
- Volunteered to provide IT support for annual Knowledge convention & Women's national conference at **nrnusa.org**
- Prepared appropriate class notes & recordings for students with a disability, and assisted them in the exam at **Richland College**.