

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, Operating Systems

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, Jira, Web development, visualization(matplotlib, seaborn), Pandas, Numpy

Experience

Software Engineer Intern

June 2021 – Present

NetApp

Waltham, MA

- Build new features & improved existing **React/Redux** application used by thousands of engineers at NetApp
- **Designed & developed** API endpoints to serve new features; refactored the code to produce useful logs on error
- Worked closely with various teams & **collaboratively** determined requirement specifications & technical details

Devops Engineer

March 2021 – June 2021

Panasonic, Contract

Plano, TX

- Developed & **improved** build processes and configured Jenkins dashboard for build status and reports
- Configured and **administered** build jobs & created automation python scripts
- Worked with Project Managers & developers and assisted in setting up Kafka stream pipeline

Student Associate

December 2020 – March 2021

University of Texas

Arlington, TX

- **Maintained** & administered University's website, by updating online contents at **uta.edu**
- Collaborated with various faculties & organizations on campus; assisted with different projects and campus events
- **Collected** 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**
- Prepared appropriate class notes & recordings for students with a disability, & assisted with tests at **Richland College**
- **Web Developer:** provide support and maintenance to organisation's public website **nrunusa.org**
- Played winger for the 2019 collegiate RLC ultimate **Soccer** season
- Volunteered IT support for annual Knowledge convention & Women's national conference at **nrunusa.org**