

Summary

Computer science Master's student with Software development experience currently looking for Full-time internship roles in Software Engineering / Full-stack development for Summer 2023.

Education

- **University of North Carolina at Charlotte** Charlotte, North Carolina
M.S. in Computer Science; GPA: 3.75/4 *Aug. 2022 – Dec. 2023**
Graduate courses: Data Structures and Algorithms, Machine Learning, Parallel Computing, Knowledge Discovery in Databases, Big data Analytics, Software Systems Design and Implementation
- **Jawaharlal Nehru Technological University (IARE)** Hyderabad, India
Bachelor of Technology in Computer Science; GPA: 8.27/10.0 *Aug. 2018 – July. 2022*
Courses: Data Structures and Algorithms, Computer Networks, Web Technologies, Software Engineering, Big Data and Business Analytics, Internet of things, Operating Systems, Machine Learning

Technical Skills

- **Programming Languages:** C++, Python, C, Java, SQL, Tableau
- **Developer Tools:** SQL Developer, VS Code, Eclipse, Netbeans
- **Technologies/Frameworks:** MS Office, Linux, GitHub
- **Full-stack development:** HTML, CSS, Bootstrap, JavaScript, React.js, Node.js, jQuery, EJS, Express.js with Node.js, MongoDB
- **Areas of Interest:** Competitive Programming, Software Development, Parallel Computing, Data structures & Algorithms, Deep Learning

Academic Projects

- **System and Method to Generate Time-Profiled Temporal Pattern Tree**
 - Designed and Implemented a cost and compute efficient temporal tree structure to store time-series transactional data and reveal interesting association patterns which reduced the execution time by 90% and memory utilization by 80% compared to existing baselines.
- **A Deep learning based classification model to classify arxiv computer science archives**
 - Designed and developed an FCN-based deep learning model to classify computer science papers scraped from the arxiv repository into sub-fields which yielded an accuracy of 72.5% for 2K research papers(title and abstract) scraped from the repository.
- **A hybrid LSTM-CNN models to perform a gender classification of names**
 - Developed an LSTM-CNN model using Word2Vec and BERT embeddings to classify the NLTK names dataset into male and female gender classes.

Experience

- **Cognizant Technology Solutions** Hyderabad, India
Web Development Intern *Feb. 2022 - Jun. 2022*
 - Trained in Full-stack web development as part of Cognizant Early Engagement program covering the concepts of MongoDB, Express, React, Node.
- **Alltronics Technologies Pvt. Ltd** Hyderabad, India
Software Engineering intern *Apr. 2021 - Dec. 2021*
 - Designed and developed a UI and performance analytics backend for an online learning platform using MERN stack.

Certifications

- The Complete 2021 Web Development Bootcamp from Udemy
- 2021 Complete Python Bootcamp From Zero to Hero in Python from Udemy
- Problem solving by Hacker Rank.

Achievements

- Qualified in the Qualification Round 2021 - Google Code Jam..
- Rated 1740 on Codechef, an online competitive programming platform.
- Rated 1248 on Codeforces.