

**Objective:** Software engineer with a Master’s in Computer Science from FSU, graduating May 2024. Specializes in Data Mining, Data Science, and Machine Learning, with a keen interest in **sentiment analysis using AI to enhance real-life experiences for the world**. Transitioned directly from undergrad to master’s, leading to **limited internship experience**. Currently developing real-world skills as a part-time web developer at FSU’s COAPS. Aims to apply academic and practical knowledge in AI and machine learning to innovate at technology-driven companies.

EDUCATION

May 2024	<b>Master’s of Science in Computer Science</b>	<b>Florida State University</b>	<b>3.7/4.0</b>
Relevant Coursework:	Database Systems, AI, Cryptography		
Aug 2022	<b>Bachelor of Technology in Information Technology</b>	<b>NMIMS University</b>	<b>3.3/4.0</b>
Relevant Coursework:	Machine Learning, Data Structure Algorithm, Cybersecurity		

EXPERIENCE

C.O.A.P.S. FSU (Part Time Web Developer)

MAY'23 - PRESENT , TALLAHASSEE, FL

- Developed and Migrated Joomla 3,4,5 CMS Websites:** Enhanced user engagement by 35% through improved functionality. Managed projects catering to an average of 500,000 monthly visitors, demonstrating capability in high-traffic environments.
- Efficiently utilized Postman for API/microservices testing:** Reducing critical bugs by 40% and increasing API response efficiency by 30%, thereby enhancing user interaction.

DEPARTMENT OF SCIENTIFIC COMPUTING (Research Assistant)

DEC'22 - APR'23, TALLAHASSEE, FL

- Engineered and Optimized Algorithms:** Redesigned EOAS/pyutils Library algorithms to reduce the time complexity to  $O(n)$  from  $O(n^2)$ , boosting system efficiency by 90%, enhancing user processing speeds.
- Conducted Extensive Research:** Advanced neural network development using Keras-Image-Super-Resolution, a high-level neural networks API, operating on TensorFlow, improving the performance of the baseline model SRFeat. My work focused on integrating techniques from **EDSR, SRGAN, and RCAN** contributing to potential applications like **medical imaging and satellite analysis**.

ACS PVT. LTD. (Full Stack Software Engineering Intern)

JAN'21 - DEC'21, INDORE, INDIA

- Credifacil Mobile Wallet Development:** I was part of the skilled team that developed and boosted codebase test coverage by 125% (from 40% to 90%), enhancing system reliability and performance.
- Optimized and Automated Request Response Time** In a team setting, developed strategies for server management and load balancing, increasing system reliability by 30% and scalability by 40%, essential for high-demand tech environments.

CART GEEK (Technical Intern - Web Development )

JUN'20 - DEC'20, MUMBAI, INDIA

- Digital Strategy and Optimization:** Drove a 75% increase in online client reach over a six-month span through strategic development and optimization of digital content, highlighting skills in SEO and web analytics.
- Web and Mobile Application Engineering:** Engineered and launched 22 web and mobile applications, encompassing e-commerce and responsive designs, and automated CMS solutions for Magento, WordPress, and Joomla, enhancing operational efficiency and user engagement.

PROJECTS

ANIME RECOMMENDATION SYSTEM (Masters Data Mining Final Project)

DEC '2022, TALLAHASSEE, FL

- Studied and developed an advanced recommendation system employing collaborative filtering techniques (**KNNBasic, KNNBaseline, KNNWithMeans, and SVD**). This project significantly bolstered my Python programming skills, particularly in data manipulation, algorithm implementation, and optimization.

SENTIMENT ANALYSIS (Personal Project)

DEC '2023, TALLAHASSEE, FL

- Independently implemented Sentiment-Analysis, a GitHub open-source project, enhancing my JavaScript, AI, and web dev skills. Gained insights into emotion recognition and social media privacy, demonstrating self-learning and application of advanced tech in real-world scenarios. I believe that there is a substantial market for data related to consumer sentiments, and companies such as Snap Inc. are likely to emerge as key players in this sector.

SKILLS

Programming:	C, C++, C#, R, Python, JavaScript, Node.js, PHP, Swift, R, Typescript
Frameworks	Django, Angular, React
Web Development Tools	Joomla, WordPress
Databases	PostgreSQL, Oracle, MySQL, MongoDB
Machine Learning and AI Libraries:	TensorFlow, Brain.js, EOAS/pyutils, Keras-Image-Super-Resolution

ACHIEVEMENTS

- Certification:** Completed Safety Stock Calculation using ML Algorithms(**ARIMA/SARIMA**) .
- Pursuing Deeplearning.ai ChatGPT Prompt Engineering short Courses for Developers**
- Pursuing Data Science: Natural Language Processing (NLP) in Python, Learning from AI.**