

Wolfie Seawolf

(123) 456 7890 | Stony Brook, NY | wolfie.seawolf@gmail.com
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EDUCATION

Stony Brook University, Stony Brook, New York

May 20XX

Master of Science in Computer Science

Relevant Coursework: Database Systems, Data Science, Artificial Intelligence, Computer Vision

Anna University, Chennai, India

June 20XX

Bachelor of Engineering in Computer Science

Relevant Coursework: Data Structures and Algorithms, Database Systems, Distributed Systems, Machine Learning, Operating Systems

SKILLS

- **Programming Languages:** Python, Java, SQL, C, C++, JavaScript, TypeScript, PHP, HTML5, CSS3, Shell scripting
- **Technologies:** Spring Framework, Flask Framework, AWS, Heroku, Streamlit, REST, Bootstrap, Django Framework, jQuery
- **Databases:** MySQL, PostgreSQL, OracleDB, MS SQL Server, Amazon RDS, Amazon DynamoDB
- **Tools and IDE:** Git, Selenium, VS Code, IntelliJ, Eclipse, Netbeans, JUnit, Mockito
- **Platforms:** Linux, Windows, macOS

EXPERIENCE

Amazon.com Services LLC

Bellevue, Washington

Software Engineering Intern

May 20XX - August 20XX

- Built a service to compare the buying plans for inventory procurement generated by legacy system and new system to validate the performance of the new system before release to production.
- Implemented a design to set up **Amazon SQS** and transfer generated plans from the two systems to comparison API.
- Engineered an API design to receive the generated plan data, parse it and store the data **Amazon DynamoDB** table
- Incorporated **JUnit** and **Mockito** unit testing frameworks to achieve line coverage of 95% and branch coverage of 98%.
- Developed the comparison logic to compare the plans and send them to **ElasticSearch** for visualizing it using **Kibana**.
- **Technologies:** Java, Spring, TypeScript, NoSQL, Amazon DynamoDB, Amazon SQS, Amazon OpenSearch, Elastic Stack

Wolfie Group of Companies

Chennai, India

Software Engineering Intern

Dec 20XX - Jan 20XX

- Implemented web scraping module to extract Twitter data to identify and connect with potential real estate buyers.
- Engineered **Python** scripts to scrape data from Twitter using **Twitter API**, **BeautifulSoup** and clean the data using **NLTK**
- Designed a multi-staged approach for data extraction, ranking the prospective buyers and scraping their contact information.
- Optimized **execution time by 40%** by leveraging multithreading and parallel processing using tools like **Google Colab**.
- **Technologies:** Python, SQL, Twitter API, Pandas, Numpy, NLTK, Google Colab, BeautifulSoup

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Seawolf Group

Software Engineering Intern

Bangalore, India

Aug 20XX - Oct 20XX

- Developed a URL classification system using Python for scraping data to classify URLs as benevolent or malicious.
- Performed preprocessing and feature engineering using **Numpy, Pandas** and trained machine learning models using **Sklearn**.
- Built a web crawler to scrape target URLs using **BeautifulSoup** and deployed it on **AWS** by leveraging **Flask** on the backend.
- Enhanced performance of feature generation by implementing caching and multiprocessing to **speedup execution by 30%**.
- **Technologies:** Python, AWS EC2, Flask, Numpy, Pandas, BeautifulSoup, Sklearn, NLTK

Wolfie & Seawolf Infotech

Software Engineering Intern

Hyderabad, India

May 20XX - Jun 20XX

- Worked in an Agile team of .NET developers and designed an **e-commerce website** for Handicraft products.
- Implemented a live visit counter to identify the number of daily unique visitors on the website using **HttpCookie**.
- **Technologies:** ASP.NET, HTML5, CSS3, jQuery, Bootstrap, MS SQL Server

PROJECTS

Socialis ([Link](#)) Python, Streamlit, Matplotlib, GeoPy, SQL, Twitter API, Heroku, AWS EC2, Amazon RDS

- Built a real-time social media analytics tool by streaming tweets from Twitter for brand analysis based on the tweet text and location to plot intelligent brand insights.

Blog Website ([Link](#)) Python, Flask, SQL, HTML5, CSS3, Heroku, PostgreSQL

- Launched an online blog that allows users to create, update and delete posts. Utilized Heroku cloud storage and compute to implement and deploy features such as user authentication, session management, image upload and email verification.

PUBLICATIONS

- **Seawolf, W.**, Amarnani, L., & Doshi, D. (2021, July). Social Media Intelligence for Brand Analysis. In *2021 12th International Conference on Computing Communication and Networking Technologies (ICCCNT)* (pp. 1-7). IEEE. (Paper) (Code)
- **Seawolf, W.**, Khan, A., Raikar, S., & Zantye, A. (2020, July). Twitter Data Mining for Targeted Marketing. In *2020 Second International Conference on Inventive Research in Computing Applications (ICIRCA)* (pp. 44-50). IEEE. (Paper)