SWATI ADHIKARI

PROFESSIONAL SUMMARY

Diligent Computer Science Graduate from the University of Mississippi. Aiming to leverage a proven knowledge of application development, database design, and data analysis with a focus on collaboration, communication, passion, and creativity for a developer role.

EDUCATION

Bachelor of Science, **Computer Science**, **05/2020**
University of Mississippi - Oxford, MS
GPA: 3.78
Minor in General Business
Selected Coursework: Data Structures and Algorithms, Fundamentals of Data Science, Introduction to Computer Networks, Software Design and Development, Database Management, Discrete Mathematics and Probability, Statistics

WORK HISTORY

Undergraduate Researcher, **08/2019 to 04/2020**
University of Mississippi Ole Miss - Oxford, MS

- Developed a sockpuppet detection tool to detect fake accounts and posts on Reddit with Spark, Python and machine learning algorithms - linear regression, k-means clustering and multilayer perceptron classifier.

Support Engineer Intern, **05/2019 to 08/2019**
Ericsson - Plano, TX

- Developed a proof of concept to analyze and visualize Network Packet files provided by customers to help engineers tackle complex network problems with Elasticsearch and Kibana.
- Performed web automation with Python and Selenium.

AWARDS & HONORS

- Sally McDonnell Barksdale Honors College, 2018 - 2020
- Grace Hopper Scholarship 2018
- Academic Excellence Scholarship 2016-2020

CONTACT

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SKILLS

- **Front End:** JavaScript (ES6), jQuery, AJAX, HTML5, CSS, Bootstrap, ReactJS
- **Back End:** Node.js, NPM, PHP, SQL, Java, MVC
- **Database Management:** MySQL, MongoDB, Firebase
- **Data Analysis Tools:** Elasticsearch, Kibana, Logstash, Pandas, Scikit-learn
- **Cloud-Based Technologies**: Hadoop, Spark
- **Miscellaneous**: Python, C, Git

PROJECTS

NATOURS SITE:

Built a RESTful API and a web application for a travel and tours site with authentication, Node.js security and payment with Node.js, Express and MongoDB

SOCIAL NETWORKING SITE FOR STUDENTS:
Designed and developed a social networking site for students with HTML, CSS, JavaScript, PHP, jQuery and MySQL

DATABASE MANAGEMENT SYSTEM: Designed, developed and implemented online shopping database management system using MySQL, PHP, HTML, CSS and JavaScript

STOCK PRICES ANALYSIS: Used data and analytical insights to identify trends and emerging financial opportunities on bank stocks using data science and machine learning techniques