ANISH OSWAL

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EDUCATION

Master of Science in Computer Science   (Expected) May 2021
Arizona State University, Tempe, AZ   3.56/4 GPA
RELEVANT COURSEWORK- Statistical Machine Learning, Knowledge Representation, Data Mining, Artificial Intelligence.

Bachelor of Engineering in Computer Science and Engineering   May 2019
Savitribai Phule Pune University, Pune, India   8.82/10 CGPA
RELEVANT COURSEWORK- Machine Learning, Data Mining and Warehousing, Data Analysis, Advanced Data Structures, Software Engineering & Project Management, Soft Computing & Optimization Algorithms, Software Modeling & Design.

TECHNICAL SKILLS

- **Programming:** Python, Java, C#, C++, AWS, Clingo (ASP), C, R, JavaScript, Android, TensorFlow (Beginner)
- **Front-end Technologies:** HTML, CSS, Bootstrap, XML
- **Database:** MySQL, Oracle, MongoDB
- **Certifications:** MTA - Security Fundamentals: Microsoft, C Programming: SEED Infotech

PROFESSIONAL EXPERIENCE

Android Developer (Intern) | InProspect Technologies   June 2018 – Aug 2018

- Lead the **UI & UX Design** team on **Material Design** schematics for building an easy to use android application design.
- Administered Front-end & Back-end development of an education eccentric android project using **Java**.
- Collaborated in grooming, optimizing & testing various algorithms leading to **30% increased** processing **efficiency**.
- Developed selling point features like **Automatic time-table generation & rescheduling** for the application.

Software Engineer (Intern) | A.B. Enterprises   April 2017 – March 2018

- Implemented & deployed a Stock Management & Analysis Software using **Java**, **MySQL** & **MongoDB**.
- Constructed a local server to form a **cloud network** establishing efficient computer & software management.
- Attained **20% increased work productivity & profits** from the introduction of management software for the company.
- Navigated the **manufacturing company's** direction towards a highly reliant **automated software-based environment**.

ACADEMIC PROJECTS

Information Dissemination   Fall 2019

- Implemented information dissemination to observe the propagation of an entity like a meme or a virus using **Python**.
- Integrated the algorithms (**NetShield, K-Edge addition & deletion**) into an ensemble system to maximize or minimize information spread through a network which can be used to stop a virus or spread information on the web.

Software Development for Laser Marking Machines   Fall 2018 - Spring 2019

- Integrated 3 modules: Automation of laser marking jobs, camera orientation & image correction, & real-time error detection to completely automate the laser marking machines.
- Engineered the software using **C#, Java, VS19, Python** & also published a paper in an international Journal (IJIRSET).

Online Forum & Socialization Platform   Fall 2018

- Launched a college-level personal forum for student-student, teacher-student & administration interaction, promoting announcements, in-college socialization & academic discussion.
- Developed the web app & the desktop software end using **Java, HTML, AWS, CSS, SQL, JavaScript & Bootstrap**.

Classifier Comparison   Fall 2018

- Analyzed results of different classifiers & their working on multiple datasets using **Python**.

Sentiment Analysis   Winter 2018

- Modeled a twitter sentiment analysis on a dataset of tweets using stemming & feature selection in **Python**.
- Extended the functionalities of the program to fit other datasets like reddit to perform systematic sentiment analysis.

EXTRA-CURRICULAR

- Helped organizing multiple national level workshops & events related to computer science & entrepreneurship as an active member of **Computer Society of India (CSI)** and **Entrepreneurship Development Cell, VIIT** respectively.