

Swaroop Eswara Prasad

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EDUCATION

ARIZONA STATE UNIVERSITY | MS IN SOFTWARE ENGINEERING

Relevant coursework: Artificial Intelligence, Advanced Data Structures and Algorithm Analysis, Software Enterprise
Expected Graduation Date: May 2019 | GPA: 3.78

BANGALORE UNIVERSITY | BE IN INFORMATION SCIENCE

Relevant coursework: Data Structures, Analysis and Design of Algorithms, Operating systems, Computer Networks, Soft Computing, Data Mining
Graduated July 2015 | GPA: 3.6/4.0

SKILLS

PROGRAMMING LANGUAGES

Over 5000 lines : Django, Python, Java, PHP, HTML/CSS/JavaScript, Selenium

Over 1000 lines : C, C++, C#, MySQL

Certifications : Java/Selenium by Oracle Systems.

PORTFOLIO : <http://www.thewebsiteweavers.com/portfolio/>

EXPERIENCE

THEWEBSITEWEAVERS, IDEASPAKZ, INDIA | Co-FOUNDER, FULL STACK WEB AND ANDROID DEVELOPER

October 2016 – July 2017 | Bangalore, India

- **Co-founded the company to build and develop Web and Android applications for businesses and enterprises to cater to their specific requirements.**
- Organized and led over 25 business meetings with prospective clients; performed requirement elicitation and prototype building.
- Developed Web and Android applications such as www.iasysolutions.com, <http://www.edusparkz.com>, <http://aciworm.org>, <http://www.finuno.com>
- Employed Agile Development Methodologies to deliver quality and timely software products to clients.

ORACLE SYSTEMS, INDIA | ASSOCIATE SOFTWARE DEVELOPER

July 2015 – September 2016 | Bangalore, India

- Developed a **Python based Automation Framework** to automate the testing of the Software on ZFS storage appliance, thus helping in running large number of workloads to test the appliance.
- **Maintained a Web portal** used to run and track automation test cases that helped test engineers to run automated test cases hence reducing the time taken and effort for test engineers.
- **Devised a Regression Test Suite in Python/Selenium** for the Web portal to test several use cases daily and find new bugs in the system.

PROJECTS

AUTOMATION OF PACMAN AGENT USING REINFORCEMENT LEARNING | OCTOBER 2017

- Implemented traversal algorithms such as BFS, DFS, UCS, Astar and Artificial Intelligence algorithms such as Minimax, Expectimax, Q-Learning, Reinforcement Learning in Python to teach Pacman to maximize its utility.

PLACEMENT MANAGEMENT SYSTEM USING JAVA AND PHP | JANUARY 2015

- Designed and developed android and web applications (<http://campusuvce.in>) to register students during campus placements, maintain student database and manage personal profiles.
- Employed by the placement committee of UVCE for use of over 4000 students.

REMOTE CONTROL OF SYSTEMS CONNECTED THROUGH LAN USING C# | AUGUST 2014

- Engineered a software using C# socket programming to install software, shut down, send messages and transfer files to selected list of computers across the network from a single system.
- Employed in computer laboratory of UVCE to manage more than 350 systems currently.

SENTIMENTAL ANALYSIS OF CUSTOMER TWEETS | AUGUST 2014

- Modeled an experimental project to segregate positive and negative reviews about a consumer product and automatically reply to relevant tweets with an appropriate message using Machine Learning.