

Shravya Gorur Sheshadri

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EDUCATION

Master of Science in Computer Science

May 2019

- *University of Southern California (USC), Los Angeles, California*

GPA: 3.65/4.0

Coursework: Machine Learning, Artificial Intelligence, Analysis of Algorithms, Web Technologies

Bachelor of Engineering in Information Science

May 2015

- *Sri Jayachamarajendra College of Engineering, Karnataka, India*

GPA: 9.43/10.0

TECHNICAL SKILLS

- **Programming languages:** Python, Java, Scala, Javascript, PHP, C++
- **Tools and utilities:** Jupyter, Anaconda, Scikit-Learn, Git, Apache-tomcat, Nginx, Node, Maven, Wasabi
- **Frameworks:** Tensorflow, Apache Spark, Spring, Hibernate, AngularJS, ReactJS
- **Middleware:** JBPM engine, Map-reduce, Hadoop, JAX-RS and Spring REST webservises, Swagger
- **Areas of interest:** Machine learning, Artificial intelligence, Natural language processing, Data mining

EXPERIENCE

- **Intuit, Mountain View, USA - Intern** May 2018 - August 2018
 - **Quickbooks Online - Remote accountant:** Introduced A/B testing on personalized best-match accountant recommender for Quickbooks clients to target 15% increase in leads and connections.
- **Information Sciences Institute, USC - Research Intern** December 2017 - May 2018
 - Linked entities in Data Narratives with visualization of scientific workflows for semantic data search, complementing DaNa for its better understanding by scientists as a volunteering project.
- **Cultural Relations and University Events, USC - Web developer** September 2017 - Present
 - Integrated RSVP portal and survey tool into the Vision And Voices website , supervised technical aspects of cultural and university events having 1000+ people attending occasion.
- **Intuit India Product Development Centre - Full stack developer** August 2015 - August 2017
 - **Infra>Returns:** Accelerated automation process of infrastructure decommission, reducing manual effort from approx. 50 minutes to less than 3 minutes.
 - Collaborated with a team of 5 to develop orchestration engine, umbrella for various infrastructure decommission solutions and handled entire responsive user interface along with authentication module.

PROJECTS

- **Census Nomenclature, Number Translation and morphology - NLP:** Developed Finite-State transducer in Python for Soundex, French number representation and english morphology .
- **Implemented machine learning algorithms without any builtin functions:** Decision Trees, K-Means, Linear Regression, Perceptron, Logistic Regression, Neural Networks, KNN, SVM in python.
- **Artificial Intelligent(AI) agent to play Fruit rage game:** Built an Agent to maximize chance of agent winning against opponent by incorporating Alpha-Beta pruning and Iterative deepening concepts.
- **Place-search Android application:** Created places search-guide application with saving favorites and posting on Twitter having backend APIs built using NodeJS and deployed in AWS ec2 instance.
- **Delay minimization in Wireless Sensor Networks:** Contributed towards cluster based approach to minimize data transmission delay using slot allocation and scheduling algorithms in JAVA applets.

CO-CURRICULAR

- Served as Director at Association of Indian Students - USC, participated in USC cricket league.
- Elected Student Coordinator at technical student body Linux Campus Club and Placement secretary for year 2014-15 helping about 1000 students for company placements.
- Served as a volunteer, led a team of 20 volunteers being Student Coordinator and Co-founder of non-profitable group, 'The Humans', and taught about 500+ under-privileged students.