Aayush Jannumahanti

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EDUCATION

- **Bachelor of Technology - Information Technology**
  SRM Institute Of Science And Technology   *July 2016 - June 2020*
  Courses: *Operating Systems, Data Structures, Analysis Of Algorithms, Artificial Intelligence, Machine Learning, Networking, Databases*

SKILLS SUMMARY

- **Languages**:   Full Stack JAVA, C++, Python, HTML/CSS, JavaScript, SQL
- **Frameworks**:   Spring, Hibernate, Scikit, Numpy, TensorFlow, Keras, Flask, ReactJS, NodeJS, MERN, LAMP
- **Tools**:   Oracle, PL/SQL, PostgreSQL, MySQL, SQLite, XCode
- **Platforms**:   Linux, Web, Windows, Arduino, Mac, AWS, GCP, Azure

EXPERIENCE

- **Apple Inc**
  Analyst (Full-time, Hyderabad, India)   *August 2020 - August 2021*
  - **Apple Maps Development**: Part of Apple Maps Product Development, Involved in continuous integration and development for different markets like USA (Americas) and rest of world countries. Worked on the development of various build regions of Apple Maps and wrote code on weekends to meet business delivery expectations
  - **Subject Matter Expert**: Served as SME for my team of 20+ employees, Interacted with QA, SVC (Sunnyvale Communications team), Specifications (Spec), Inventory teams, organised workflows of BH Process (BraveHeart our process name) for business purposes and reported the status to Asst Program Managers and Program Manager

- **Algoshelf**
  Data Science Intern (Part-time, Remote)   *Dec 2018 - Feb 2019*
  - **Project Course - Improvised on Symbolic Aggregate Approximate Algorithm**: Designed and open-sourced a library exclusively for detecting anomalies in time series data-sets using Symbolic Aggregate Approximate on IoT sensor based dataset

- **Fanlytiks**
  Machine Learning Intern (Part-time, Bangalore, India)   *June 2018 - July 2018*
  - **Tech stack BeautifulSoup, Tweepy, Tensorflow, Numpy & GCP**: With a team of 10 contributed to build the companies first large scale NLP based application project, Wrote a python script to extract data-sets from JSON files

- **National Kaohsiung Normal University**
  Academic Intern (Part-time, Kaohsiung, Taiwan)   *Dec 2017 - March 2018*
  - **Semester Abroad Program**: Attended NKNU, took classes on Mandarin Chinese and Chinese Culture, received a scholarship of 20,000 NTD from Taiwan Ministry of Education

PROJECTS

- **Hand Written Recognition System using Neural Networks and Guided Inputs (Machine Learning, Computer Vision)**: Research oriented, open source, hand written text recognition system to recognise doctors prescription. Tech: Python, OpenCV, TensorFlow, Numpy, & Google Cloud Platform

- **Lane Detector Software (Machine Learning, Computer Vision)**: Built a lane detection software for images using canny edge detector and Hough transforms. Tech: Python, Google Cloud Platform, & OpenCV

- **Deep Crypto Predict (Machine Learning)**: Using the data for crypto-currency market analysis, built an LSTM Neural Network model which will use previous data of bitcoin and ethereum prices to predict the next day's prices. Tech: Python, Numpy & Pandas

PUBLICATIONS

- **Hand Written Recognition System using Neural Networks and Guided Inputs (Machine Learning, Computer Vision)**: Dr. G. Vadivu (Head of the Department for Information Technology at SRM IST), Aayush Kumar - Presented a paper to the major project panel, designed a prototype and modeled the architecture for the Major Project awarding to course completion of my Undergraduate studies.

- **SAX: An innovative outlook to time series representations (Machine Learning, Statistics)**: Paper accepted for publication by International Journal of Science and Engineering Research (IJSER) in 2019.

HONORS AND AWARDS

- **Gold Medal**: Received on SRM Research Day for presenting a research paper titled (SAX: An innovative outlook to time series representations) to the panel members. Was the only recipient of the medal out of a pool of 150+ applicants - Feb '19

- **Silver Medal**: Received on SRM Research Day for presenting a research paper titled (Developing an integrative framework of Artificial Intelligence and Blockchain for augmenting smart governance) to the panel members. - Feb '18

- **Participant**: Smart India Hackathon which is India's largest hackathon, conducted and fully funded by the Government of India - March '18

- **Scholarship Recipient**: Taiwan Ministry of Education - March '18