Ramkishore Saravanan

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EDUCATION

IIIT - HYDERABAD
BTech in Computer Science and MS in Computational Linguistics
Aug 2016 | Hyderabad, Telangana

MAHARISHI INTL. RES. SCHOOL
Grad. May 2016| Chennai, India

LINKS

GitHub:// ramkishore07s

COURSEWORK

UNDERGRADUATE
Artificial Intelligence
Statistical Methods in AI
Topics in Machine Learning
Natural Language Processing
Natural Language Applications
Information Retrieval and Extraction
Computational Linguistics
Graphics
Compilers
Distributing Trust and Block-chain

SKILLS

PROGRAMMING
Over 5000 lines:
Shell • Python • Javascript • Android • OpenGL
Over 1000 lines:
C • C++ • CSS • WebGL • Java • OpenCV • Unity
Familiar:
RubyOnRails • MySQL
DL/ML/NLP:
PyTorch • Numpy • Pandas • scikit-learn • NLTK

EXPERIENCE

IRE LAB RESEARCH ASSISTANT
Aug 2020 - Present | Hyderabad, Telengana

CENTRE FOR ANALYTICAL FINANCE - ISB | Data Science Intern
Aug 2019 - Dec 2019 | Hyderabad, Telengana
- Analysis of Loan data from Union Bank of India and developing a model for automating Loan Approval.
- Analysis of transaction data in rural areas for error patterns which cause customers from availing the service again.

WASHAPP | Software Developer Intern
Aug 2017 - Dec 2017 | Hyderabad, Telangana

- Worked on developing an Android App to support delivery process.

RESEARCH

INFORMATION RETRIEVAL AND EXTRACTION LAB | Researcher
May 2018 – Present | Hyderabad, Telangana
Working with **Prof Vasudeva Varma** on automating Text Summarisation using Artificial Neural Networks.

AWARDS

IGNITE - 2013 | National Awardee
Nov 2013 | Gujarat, India
- 33 people out out 35,000 applicants were chosen as winners and were felicitated by Dr. A.P.J. Abdul Kalam, former President of India.
- Idea presentation. Patent application in process for the same

PROJECTS

MACHINE TRANSLATION | Neural MT on Indian Languages
Jan 2019 - April 2019
- Implemented various Deep Learning research papers on Machine Translation for translating sentences English to Tamil.

MULTI OBJECT TRACKING | Tracking Pedestrians in videos
Jan 2018 - April 2018
- Implemented and fine-tuned various graph based tracking algorithms and experimented with various detectors and Neural Network based Graph constructions.

BIAS DETECTION | Hyperpartisan News Detection
Aug 2018 - Dec 2018
- Detecting bias in U.S. Political news using partially labelled data.

COMPILERS | Creating a compiler for a C like language
Aug 2019 - Dec 2019
- Implemented various steps involved in converting a text program to binary executable like parsing, AST construction, IR generation etc.