

Shalaka Atul Vaidya

New York City, NY, 10003

☎ 551.689.1978 | ✉ sav5821@nyu.edu

EDUCATION

New York University, Courant

Jan. 2021 – May. 2023

Masters of Computer Science

- Current CGPA 4.00/4.00

National Institute of Technology, Calicut

Jun. 2012 – Jul. 2016

Bachelor of Technology in Computer Science and Engineering

- CGPA 8.37/10.00

PROFESSIONAL EXPERIENCE

Phenom People Pvt.Ltd, Hyderabad India

Mar. 2020 – Jul. 2021

Product Development Engineer

- **Worked on Resume Parse:** Worked on rule based approach to determine the fields of a resume
- **Worked on Enhancing Job parser:** Created big-graphs for education to skills mapping. Created multi-lingual translation api using flashtext and keyword identification. Developed a "skill-importance" api for multi-lingual skills. Supported "extract-features" api which extracts important aspects of a job description.
- **In-charge of metrics for the search and personalization team:** Built metrics to identify the important parameters of a job description which helped assess the clicks and apply rates. Built a tool to get weekly metrics for education fields, experience field and job-zone based on seniority expectation. Suggest appropriate metrics for models in-turn helping access them.

Successfactors, SAP Labs, Bangalore

Jul. 2016 – Jan. 2019

Software Development Engineer

- **Resilience Assessment Tool(RAT):** Tool for testing the resiliency of the servers remotely.
- **Instance Sync Tool(IST):** Managed the tool which was responsible to sync data and the customized databases across instances.
- **Execution Manager(XM):** Added new enhancements and resolved major issues relating to concurrency for a tool which provided checkpoints for executing a task which could later be viewed on a dashboard.

RESEARCH EXPERIENCE

Language Technologies Research Center(LTRC), IIIT-H, Hyderabad

Jab. 2019 – Mar. 2020

Research Assistant

- Built a Reading Comprehension System which constructed a story grammar and this answered questions related to the passage.
- The work has been presented at ICON 2019 and published in acl anthology
- Built a Natural Language Interface to Database(NLIDB) system for library domain. The POS tags and BIO tags for named entity recognition(NER) of the query were trained using CRF++, these tags were used to build a SQL Query
- Anaphora resolution in Hindi: Anaphora from sentences were classified into Event and Concrete anaphora manually and later decision tree was used to predict.

SKILLS

Languages : Python, Java, C++ ,Shell-scripting

Tools : TensorFlow, PyTorch, CRF++, RapidMiner, Google Refine, LLVM, CherryPy, Redis, Elastic-Search, Mongo-DB, SQL