

ABHIGITH NEIL ABRAHAM

MACHINE LEARNING RESEARCH ENGINEER

ABOUT ME

I am a Machine Learning Research Engineer with 2 years of professional software development experience of which 1 year of research experience. I have vast experience in creating new tools and models in the AI space. I also have experience in building enterprises and products and am passionate about contributing to open source. I believe in working in a community-like workplace where greatness is achieved.

CONTACT

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GITHUB:

<https://github.com/abhijithneilabraham>

LOCATION

INDIA

COMMUNITIES

- [TINKERHUB](#)
- [GOOGLE AI EXPLORE ML](#)

SKILLS

- Python • Java • Javascript
- MongoDB • nodeJS • Keras
- Django • Flask • Pytest • Firebase
- SQL • Machine Learning • NLP
- Deep Learning • Data Science
- Tensorflow • AWS • GCP
- Android Studio • React • ANTLR
- git • Opencv • CNN

EDUCATION

College of Engineering, Thiruvananthapuram

2016 - 2020

B. Tech in Electrical and Electronics

CGPA: 8.1/10

WORK EXPERIENCE

[Saama](#)

Machine Learning Research Engineer

12/20 - Present

- Worked with the R&D team and built softwares, models and wrote research papers for accelerating clinical trials
- Built pipelines and wrote research papers for Question Summarisation, Evidence Inference, Bio Sentence Transformers, [Covid Question Answering](#).
- Built an auto-mapping software for cross matching medical domain databases.
- Wrote software for a faster alternative to my own product [TableQA](#)
- Co authored and published a research [journal](#) in Springer.

[Minicog](#)

Machine Learning Engineer

05/20 - 12/20

- Wrote backend and software to research and build a novel software tool for querying natural language on tabular data. They pivoted after I left the enterprise.

Achievements and Contributions

- TableQA became [madewithml's](#) rank #1 software on Sept 25, 2020
- Implemented Sentence Embedder to [pytorch-lightning's](#) project.

Side Projects

NFFLOW

- [NFFLOW](#) is a data curation tool for researchers to aggregate data over time for researching and training their ML models.
- Worked on building the software, and also on the content and marketing.

Discussoo

- [Discussoo](#) is an AI tool for analytics on organic discussions between researchers.
- Created the analytics pipelines, used Django and GCP for deployment.