# 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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## 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(currently under review) for Question Summarisation, Evidence Inference, Bio Sentence Transformers,
- Built and deployed to huggingface: 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.

### 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.
- Research Publications-
  - TableQuery.
  - Deep Learning Applications-Springer Journal

### Side Projects

#### NFFLOW

- NFFLOW is a data curation tool for researchers to aggregate data over time for researching and training their ML models.I 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. I Created the analytics pipelines, used Django and GCP for deployment.