

Anuj Godase

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EDUCATION

INDIANA UNIVERSITY

MS IN COMPUTER SCIENCE

Aug'19 - May'21 | Bloomington, IN
Cum. GPA: 3.67 / 4.0

PICT, UNIVERSITY OF PUNE

BENG IN COMPUTER ENGINEERING

Aug'13 - May'17 | Pune, MH, India
Cum. GPA: 3.49 / 4.0

COURSEWORK

GRADUATE

Applied Algorithms
Cloud Computing
Elements of Artificial Intelligence
Deep Learning Systems
Machine Learning
Computer Vision

UNDERGRADUATE

Data Structures & Algorithms
Operating Systems
Databases
Discrete Mathematics
Multidisciplinary NLP

SKILLS

PROGRAMMING

Over 5000 lines:
Python • WebApp2
About 5000 lines:
Django • Java
Android • Javascript
Over 1000 lines:
PyTorch • NumPy
C++ • Go
Familiar:
Tensorflow • Pandas •
Matplotlib • MySQL • NoSQL

TOOLS

Extensively Used:
Google Cloud Platform
Linux • Git
Familiar with:
Android Studio • AWS

OPEN SOURCE CONTRIBUTIONS

- pip - The Python Package Installer
- Pytorch Geometric

For more info please
visit: 1byxero.github.io

EXPERIENCE

WALNUT SOFTWARE ENGINEER - BACKEND

July 2017 - June 2019 | Pune, MH, India

- Walnut is a widely used personal finance app in India which has **10 million+ downloads** on play store
- **Contributed to design** and development of next-generation payment backend including APIs and DB design affecting 7M users
- Built **micro-service based backend infrastructure** of REST APIs and internal dashboards to support lending, payments & financial management on **Google Cloud Platform with Python and AngularJS**
- Built **monitoring framework** in bank data center for **linux based virtual machines**
- Built **data pipelines** to process SMS of 7M users to show expense reports and trends for year-in-review in graphical format
- Built several batch data-parallel processing pipelines for **streaming data** for analytics dashboards using Apache Beam and **GCP**

INTOUCHAPP FULL STACK INTERN

March 2017 - April 2017 | Pune, MH, India

- Implemented functionalities for seamless contact synchronization from Whatsapp Web, Gmail and LinkedIn in chrome extension with AngularJS

CVRANKER FULL STACK INTERN

July 2016 - August 2016 | Pune, MH, India

- Revamped the front-end of the product and integrated it with the backend APIs to deliver real - time, single page experience using AngularJS

PROJECTS

DISTRIBUTED MAPREDUCE SYSTEM

- Designed and implemented **MapReduce** system as library using **python from scratch**. This library can be used to support data processing applications deployed on **VPS nodes across multiple cloud platforms**.

AI GAME PLATFORM

- **Led a team of about 8 undergraduate students in complete SDLC** of sandbox, web app, game judge and playable UI of an online AI game platform. Delivered 3 incremental installments over course of 2 years

DJANGULAR-COUCH

- Developed a meeting scheduling webapp using **microservice architecture**. Frontend was served using Angular2 and Backend was served using **Django**. **Couchbase** and **mySQL** were used as databases.

RESEARCH

DR. ARIFUL AZAD'S GROUP RESEARCH ASSISTANT

Jan 2020 - Present | Bloomington, IN

Working with **Dr. Ariful Azad** on exploring **graph based deep learning algorithms** and various factors affecting them.

IU COMPUTER VISION LAB RESEARCH ASSISTANT

June 2020 - September 2020 | Bloomington, IN

Implemented **UNet** using **ResNet50** as encoder for analysing scope of improvement for state of the art depth estimation methods under guidance of **Dr. David Crandall**