

Anuj Godase

abgodase@iu.edu | 812.650.2755 | github.com/1byxero | 1byxero.github.io | linkedin.com/in/1byxero

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

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

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

- Contributed to design and development of next-generation payment solutions 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

RESEARCH

IU COMPUTER VISION LAB | RESEARCH ASSISTANT

June 2020 - Present | Bloomington, IN

Working with **Dr. David Crandall** and IU CV Lab on exploring and improving stereo depth estimation models using deep learning

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.

PROJECTS

3D IMAGE SEGMENTATION USING GRAPH NEURAL NETWORKS

Spring 2020

- Used graph based deep learning algorithms on features generated from CNNs to improve proposal generation for object detection

ARTISTIC STYLE TRANSFER WITH DEEP LEARNING

Aug'16 - May'17

- Built deep learning models to capture style of artist and reproduce any images in that style. Used CNNs to extract features, explored convergence algorithms to optimize aesthetic appearance of image
- Trained Perceptual Losses Networks to generate styled image in one forward pass, built a system to feed real time webcam video to the network to achieve real-time video style transfer.

AI GAME PLATFORM

July'14 - May'16

- 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 of the said platform over course of 2 years