

Parth Sharma

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Education

Amity University

Noida, India

BACHELOR OF TECHNOLOGY IN COMPUTER SCIENCE & ENGINEERING

July 2016 – May 2020 (expected)

- GPA: 8.3
- Amity University Scholar 2016
- **Relevant Coursework:** Intro to Programming, Database Management Systems, Operating Systems, Data Structures, Object Oriented Programming, Distributed Systems, Software Engineering, Computer Networks, Analysis & Design of Algorithms, Fundamentals of Machine Learning

Experience

Google Summer of Code 2019

STUDENT DEVELOPER @ CHAOSS

May 2019 – August 2019

- Expanded functionality by implementing 25+ Risk, Evolution and Value metrics.
- Increased data collection by 2x by developing workers that collect Pull Requests and Repository Metadata from GitHub API.
- Optimized data collection by switching to GraphQL API over REST API, consequently increasing data collection rate by 40-50%.
- Simplified API endpoint creation to a one-liner by implementing various helper methods.
- Automated the installation process by creating an automation script to generate the configuration file, consequently improving the new developer experience.
- **Leveraged Skills:** Python, Flask, SQL, PostgreSQL, REST API, Web & Backend Development

ALiAS

www.asetalias.in

VICE PRESIDENT

October 2016 – Present

- Rebooted ALiAS in 2016, making it the largest open-source community in Amity University with 500+ members.
- Managed and organized 20+ events & 50+ meetups, with 5 organizing members in the start, going up to 23 currently.
- Expanded ALiAS to Amity University Lucknow with the support of students on-campus.
- **Leveraged Skills:** Teamwork, Verbal & Written Communication, Problem-Solving, Leadership

Projects

Automated Fake News Detection

Python, Flask, NLTK, Scipy

PERSONAL PROJECT

June 2018 - July 2018

- Developed an algorithm to detect the credibility of news articles using Natural Language Processing.
- Created a web application allowing users to get an article's credibility score.

Scrape the Planet

Scrapy, NLTK, Gensim, Scikit-learn

TEAM PROJECT

October 2017 - January 2018

- Built web scrapers to scrape news articles from multiple websites, both static & dynamic.
- Built a news classifier that categorizes news articles into various categories with a 93% accuracy.

GIS based Open-Source Website

Python, Django

TEAM PROJECT

July 2017 - August 2017

- Developed an authentication system for the web application.

Skills

Programming Languages: Proficient in Python, Java; Familiar with Javascript, HTML, CSS, SQL, Shell Scripting

Tools/Technologies: Experienced in Git, Linux/Unix; Familiar with PostgreSQL, Bash

Frameworks/Libraries: Scrapy, Django, Flask, Numpy, Pandas

Activities & Interests

- Volunteered at various local open-source communities like PyDelhi, ILUG-D & conferences like PyCon India & PyDelhi Conference.
- Participant Facebook PyTorch Scholarship Challenge.
- Graphic designing.