

Anindo Ghosh

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EDUCATION

IIST, SHIBPUR

BTECH IN COMPUTER SCIENCE

Jul 2020 | Howrah, West Bengal
CGPA: 8.72

RAJENDRA VIDYALAYA

ISC, INTERMEDIATE

May 2016 | Jamshedpur, Jharkhand
93.75%

RAJENDRA VIDYALAYA

ICSE, MATRICULATION

May 2014 | Jamshedpur, Jharkhand
95.80%

LINKS

Github:// [anindo7](#)
LinkedIn:// [anindoghosh](#)
Leetcode:// [anindo_7](#)

COURSEWORK

UNDERGRADUATE

Computer Networks
Operating Systems
Data Structures
Algorithms
Database Management System
Machine Learning
Compiler Design
Functional Programming
Computer Graphics

SKILLS

PROGRAMMING

Languages:

Python • Java • CPP • C • Kotlin •

JavaScript • SQL

Technologies:

Flask • NodeJs • Express • SQLAlchemy •
Selenium • Bootstrap

Tools:

Bash • Git • Android • Arduino • \LaTeX

EXPERIENCE

HYLAND SOFTWARE | SOFTWARE DEVELOPER INTERN

May 2019 - Aug 2019 | Kolkata, West Bengal

- Implemented a Minimum Viable Product(MVP) of a Learning Management Platform for Hyland employees.
- Integrated the application with Hyland-IDP and Watershed-LRS.
- Wrote and reviewed code in Python using Flask, SQLite, SQLAlchemy and HTML, CSS, JavaScript and Bootstrap for frontend.

IIT ROPAR | RESEARCH INTERN

May 2018 - Aug 2018 | Rupnagar, Punjab

- Worked on the Arduino ESP32 chip to design a ad-hoc peer-to-peer wireless data transfer network.
- Connected the chip with smartphones using android app to get real-time data from the network from anywhere.
- Compared various technologies like WiFi, Bluetooth, Bluetooth Low Energy and ESPNow for fast and efficient data transfer

PROJECTS

MUSIC PLAYER | ANDROID APP

Apr 2020 - Present

- Implemented a music playing application that shuffles user playlists as per user activity

AUTOMATING GMAIL | SOFTWARE ENGINEERING

Jul 2019 - Dec 2019

- Implemented an automation code using Selenium that can automate the process of sending an email to someone.

MULTI-CLIENT CHAT APPLICATION | COMPUTER NETWORKS

Jan 2019 - Apr 2019

- Created a chat application using socket connections in C where multiple clients can chat with each other via a central server.

STUDY OF CACHE HIT MISS-SPECULATION ON PROCESSOR PERFORMANCE | COMPUTER ARCHITECTURE

Jan 2018 - Apr 2018

- Studied the changes in processor performance with the different cache hit miss-speculation rates on various caches.

QUAKE REPORT | ANDROID APP

Jul 2017 - Dec 2017

- Created an android app in Java that gives details of the 10 most recent earthquakes from external api.

PUBLICATIONS

- [1] S. Pal, A. Ghosh, and V. Sethi. Vehicle air pollution monitoring using iots. *SenSys '18 Proceedings of the 16th ACM Conference on Embedded Networked Sensor System*, pp. 400-401, 2018.