Arman Singh Kshatri

IIIT–Naya Raipur
Plot No. 7, Sector 24

Github
E-Mail

Education

International Institute of Information Technology - Naya Raipur	2022– Present
B.Tech in Data Science and Artificial Intelligence	*CGPA-8.52*
D.A.V Ispat Senior Secondary Public School	2019-2021
CBSE 12th	*Percentage-91.0%*

Work Experience

Software Developer	April, 2024 – Present
GradeMyGrains	*India*

- Developed the application for data collection
- Used CNN model to classify the grain according to the quality

Projects

Personal Website — Source Code

Website hosted on AWS EC2 instance — *Website*
- Personal Website made using
- Uses NGINX for serving content
- Jenkins enabled for CI/CD pipeline

Arogya-Direct — Source Code

Flutter application that can be used for Geo-Fencing
- Made using Firebase & Google Map APIs
- Uses GPS technology for instant and accurate positioning

Wator-OpenGL — Source Code

A Preadtor-Prey population dynamics simulation described by A. K. Dewdney
- Uses Open-GL for visualization
- Written in C and uses Multi-Threading

Bhess-Engine — Source Code

UCI chess engine written in Rust [WIP]
- Bitboard is the currently the fastest way of implementing a Chess Engine

Kala-Bot — Source Code

A Multipurpose discord bot purely written in python
- Purely asynchronous code was used
- Hosted in replit and uses flask for indefinite lifetime

Extracurricular

Previous member of Quizzing Club at IIITNR
Previous member of Literary Club at IIITNR
Previous member of MUN at IIITNR

Skills

Programming Languages: C, Python, Rust , JavaScript, Dart, Java(Intermediate),
Other Programming Tools: HTML, CSS, OpenGL(Intermediate), GraphQL, SQL, Bash
Technologies: Linux, Blender, Adobe Photoshop, Adobe Illustrator, Git, Vim, AWS, LaTeX

Other Interests

Hobbies: 3D modelling, Playing flute
Sports: Cricket, Chess