ADARSH CHIMNANI

Toulouse, France

🌐 adarshchimnani.github.io   ✉ adarsh.chimnani@gmail.com   in adarshchimnani   📞 +33 7 71 53 86 91

OBJECTIVE

I'm passionate computer science student, targeting to become an entrepreneur and using what I learn in the MIAGE 2IS Master's, such as AI, data management, and business strategy to start my own company and create innovative products that make a real impact.

EDUCATION

Université Toulouse III - Paul Sabatier   **2023-2025**
Masters in Computer Science   *Toulouse, France*
Sapienza University Rome   **2021**
Semester Exchange - Computer Science   *Rome, Italy*
Sukkur IBA University   **2018-2022**
Bachelors of Science Computer Science   *Sukkur, Pakistan*

Courses: *Programming Fundamentals, OOP, Database Systems, Advanced Algorithms, Data Structures, Software Engineering, Enterprise App Development, Artificial Intelligence, Data Mining, Security, Collaborative Development, Project Management, Business in MultiCultural Environment, Organization Behaviour, Communication and Presentation, Research Initiation Tools*

EXPERIENCE

Aparent.ly   *Copenhagen, Denmark*
Internship: Full-Stack Web Developer   **May - July 2024**
- Collaborated with cross-functional teams to design and develop dynamic web applications using frameworks like React.js, Node.js, and Express.js.
- Implemented responsive user interfaces with HTML5, CSS3, JavaScript (ES6+), and Bootstrap.
- Worked with teams on GitHub for version control and code collaboration.

Research Student/Project Manager, Supervisor: Pascal Dayre   **January - April 2024**
- Conducted extensive research on integrating data models into a unified platform to enhance data usability and promote FAIR (Findable, Accessible, Interoperable, and Reusable) principles.
- Analyzed current data management practices to identify challenges such as heterogeneity of data formats, metadata inconsistencies, and accessibility barriers.

Draft.dev   *Chicago, USA*
Developer-Writer   **November 2022 - December 2023**
- Developed web applications using MERN stack, Python, and Vanilla JavaScript for companies like Foxit, Airplane, and Kinsta, meeting business requirements and delivering scalable solutions.
- Created engaging, user-focused tutorials to educate new users, resulting in over 10,000+ views and significant improvements in user onboarding experiences.

SKILLS

Technical Skills	Python, Java, C#, C++, Javascript, MERN, Database Design, UML, Data Analysis, AI, ML, Tensorflow, Pytorch, SQL, Firebase, Excel, Tableau, Git, Problem Solving.
Soft Skills	Analytical thinking, Communication, Team Work.
Languages	English (Fluent), French (Beginner).

PROJECTS

Premeptive Earliest Deadline First Scheduling Algorithm using Batsim   **2024**
- Developed a task scheduling algorithm using Preemptive Earliest Deadline First (EDF) scheduling technique.
- Implemented the algorithm with the **Batsim** library for better resource utilization and system performance.

Cotton Crop Disease Detection   **2022**
- Designed a CNN to detect cotton plants as diseased or healthy using Kaggle's dataset.
- Achieved 89.6% test accuracy through hyperparameter tuning and data augmentation

Facial Expressions Detection & Classification   **2021**
- Designed a CNN to detect and classify facial expressions using Kaggle's dataset, achieving 81.4% accuracy.

HONOURS AND AWARDS

- Winner of Games4Change Game Design Competition by Mindsotrm Studios **2023**
- 3rd Place, IEEE R10 Robotics Competition, for innovation, at Chulalongkorn University, Thailand. **2022**
- 1st Place in RookieGameJam Game Development Competition by Mindstorm Studios. **2020**