Aadil Chasmawala

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EDUCATION

New York University Abu Dhabi   **Abu Dhabi, UAE**
Major/Degree   Graduation Date: May 2027
- Bachelor's of Science in Computer Science And Mathematics (minor in Economics) ,
  Relevant courses : Linear Algebra, Data Structures, Algorithms, Algorithmic Problem Solving, Communications Lab,
  Computer networks, Probability and Statistics, Foundations of Math, Operating Systems,Applied Internet Technologies
  GPA : 3.95/4.0. SAT: 1540/1600, IELTS - 8/9

PROFESSIONAL EXPERIENCE

H Farm - Open Innovation and H Farm AI   **Venice, Italy**
Open innovation intern- June-August, 2025
- Worked with the startup center at H Farm on an open innovation project in blockchain technologies with Exponential Science.
- Won First place in Startup Center startup bootcamp. Developed a prototype for a tool to aid Dementia patients.
- Built AI agents to automate workflow for open innovation projects.

New York University Abu Dhabi   **2023-present**
- **Teaching Assistant for Computer Programming for Engineers -** Teaching assistant and Term project mentor for VR projects. Teaching assistant for recitation sections of 20+ students teaching students basics of C++, Unity and C#
- **Research on Energy use in Haskell -** Provided valuable feedback and worked on a research paper presented at SAC'24 in Spain with professor Joao Paulo Fernandes . The paper is about **optimizing energy use in computer systems using the example of Haskell - Link to paper**
- **MARSS Conference(Student Assistantship):** International Conference on Manipulation ,Automation and Robotics at Small Scales . Engineering event attended by 200 + academics from around the world. Provided support to the event management team.
- **Student Research Assistant** on Green AI for Green computing (January 2024 - present)
- **HACK- AD Vice President,Events Manager -** In charge of organizing events for the student SIG HackAD in Spring 2023. Promoted to Vice President role for Fall 2024. Organized 7+ events with an attendance of 30+ students on average. Events included an Artificial Intelligence Workshop, Several networking events as well as a Hackathon.
- **AGI safety Fundamentals- Technical Track:** 8 weeks of reading and group discussions learning about and discussing the problem of AI alignment. The first half of the course explored the motivations and arguments underpinning the field of AGI safety, while the second half focused on proposals for technical solutions.

Arrayah - Home for Ambitious builders in Dubai   **Dubai**
Deeptech Intern / Founder's Associate   June - August, 2024
- Conducted 20+ founder interviews; secured 15 mentors for builders within 4 weeks.
- Designed pricing model and prototype for a code refactoring platform optimizing for energy efficiency.
- Supported marketing through photography/videography.

EXTRACURRICULARS AND AWARDS

- **Participating researcher at** " Greening AI for Software Engineering" workshop in Lausanne, Switzerland along with 20 researchers from 12 countries over 5 days . Led a discussion on how LLMs can be used to improve energy efficiency of existing codebases - [Link](#)
- **Robotics -** Built a robot car with several sensors around it that can react to its environment - [Interactive Octopus](#)
- Built 5+ websites for various projects that are ready to be published. Websites include a film-hosting website, a comic panel website, a general information website, an audio experience website and an interactive film experience website.(Check Github)
- Built APIs to query chatbots such as GPT-4 and then run perf on them to check and compare for energy efficiency.
- Violet Ventures Founders Associate; part of Slush'D 2024 organizing committee.

SKILLS & INTERESTS

Programming: Full Stack Development - Front end and Back end, C++, Python (Matplotlib, NumPy, Pandas, TensorFlow), Java, HTML, CSS, JavaScript, MySQL, Node.JS
Tools: Adobe Illustrator, Photoshop, GIMP, Arduino, QGIS, Figma, DaVinci Resolve, Audacity
Languages: English (Fluent), Hindi (Fluent), Gujarati (Fluent), Urdu (Fluent), Arabic (Beginner)
Interests: Guitar, Football, Chess, Cricket, Web Development, Prompt Engineering