



SAMUEL DAVID ANAND SHADRACH



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ACADEMIC DETAILS

Year	Degree / Board	Institute	GPA / Marks(%)
2018-2023	B.Tech and M.Tech in Biochemical Engg & Biotechnology	Indian Institute of Technology, Delhi	8.05
2018	CBSE Grade XII	Bloom Public School	87.4%
2016	CBSE Grade X	Bloom Public School	10

SCHOLASTIC ACHIEVEMENTS

- **Joint Entrance Examination (JEE) Mains 2018:** All India Rank 1878 of 1.26 million applicants across India
- **Joint Entrance Examination (JEE) Advanced 2018:** All India Rank 4088 of 150,000+ applicants selected from JEE Mains
- **KVPY Scholar 2016:** All India Rank 338 of 877 selected scholars of 50,000+ applicants. By IISc, Bangalore, sponsored by Govt of India
- **JSTSE Scholar 2014-15:** Awarded Junior Science Talent Search Examination Scholarship conducted by the Govt of Delhi, India

TECHNICAL SKILLS

- Completed **Effective Altruism In-depth workshop** by Centre for Effective Altruism
- Selected for paid trips to EAGx Prague Dec 2021 (cancelled due to COVID), EAG London 2022 (could not attend due to visa delay)
- **Have read** the Precipice, Superintelligence, and multiple research publications by EA orgs including Rethink Priorities, FHI, CRS
- Completed **ALLFED** Taster Task (15 hours) on scoping out Food governance body
- Reached stage 3 interview process for **Centre for Long-term Risk** (19 of 81 candidates) – Completed 12 hours paid work on research proposals

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- Advanced understanding of most blockchain topics
- Basic knowledge of various programming languages – python, nodesJS, MATLAB, R, LaTeX, SML, MIPS

INTERNSHIPS

- **Risk management, project management @ Rari Capital (Summer 2021)**
Managed financial risk, aided with strategy and project management. At Rari Capital, an ethereum-based lending app startup with over \$1 billion AUM. US-based team. Was offered full-time leadership role
- **Advisor @ Market.xyz (Summer 2021)**
Helped incubate Market.xyz, a DeFi lending app startup for the Polygon ecosystem. \$100 million+ AUM. Bangalore-based team.
- **Teaching internship @ CampK12 (July 2020)**
- **Content development @ PISA (Dec 2019)**
Developed evaluative content for PISA – a worldwide study by OECD to evaluate educational systems of various nations
- **Teaching internship @ Aarohan (Across 2018-19)**
Taught advanced physics to economically weak students for JEE-Mains and Advanced
- **Selected for research fellowship @ University of British Columbia, Canada (Summer 2020)** - Cancelled due to COVID

PROJECTS

- **COL764: Information retrieval and web search (Sep-Dec 2020)**
Fast top-k search of natural language queries in knowledge graphs optimised for high-performance computing system
- **HSL704: Inclusive innovation (Jan-May 2019)**
Design thinking project on how to ensure affordable nutrition for construction workers and families in Delhi slums

RELEVANT COURSEWORK

INCLUSIVE INNOVATION: THEORY AND PRACTICE; FUNDAMENTALS OF LANGUAGE SCIENCES; INTRODUCTION TO PSYCHOLOGY; SELECTED TOPICS IN PHILOSOPHY; PROFE. ETHICS & SOCIAL RESP. I&II; LANGUAGE & WRITING SKILL I&II; DIGITAL LOGIC & SYSTEM DESIGN; INFORMATION RETRIEVAL AND WEB SEARCH; COMPUTER ARCHITECTURE; DIFFERENTIAL EQUATIONS; LINEAR ALGEBRA & DIFFE. EQUA.; CALCULUS;

EXTRA CURRICULAR ACTIVITIES

- **Drums:** Completed Grade 6 Drumkit from the Rock School of Music, London
- **Debate:** Participated in numerous debates at IITD debate club • **Chess** • **Reading, writing:** Written short sci-fi, poems