

MUHAMMAD FARAN AIKI

19625041 | Intern: *Education Team at Analitica*

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A highly motivated Informatics student with a strong foundation in mathematics and a proven record of successes in national competitions. Experienced in software development, project leadership, and educational content creation.

EDUCATION

- Sekolah Teknik Elektro dan Informatika - Komputasi (STEI-K) at Institut Teknologi Bandung (ITB) 2025–Present
- SMA Negeri 1 Kota Depok 2022–2025

OLYMPIAD AND CONTESTS

- **Gold**, International Kangaroo Mathematics Contest (IKMC) 2023, International
- **Participant** (Semi-Finalist), OSN (Olimpiade Sains Nasional) Province 2024, National
- **Bronze**, Kompetisi Matematika Nalaria 19th (KMNR 19th) in Jakarta 2024, National
- **Gold**, Kompetisi Terbuka Olimpiade Matematika (KTOM) 2024, National
- **Bronze**, 3rd OSBANAS Competition 2025, National
- **Gold**, 5th Delta Competition Mathematics 2025, National

ORGANIZATION EXPERIENCES

- **Attracted 250 visitors** as Japanese Club Member, **Main Poster Designer** at *Obake Event* 2022
- **Created** a short story about folktales with **4000 views** as English Club **Member**, one of the Content Creators 2022
- **Participated** in increasing the member's awareness of music theory as Music Club **Member** 2022
- **Supervised** a school contest event "Concerto" as Student Club, **Committee (Director)** 2023
- Badminton Club **Member** 2023
- **Taught** about Informatics as IT Club, Programming (**Python**) & Web Development **Tutor/Coach** 2024
- **Supervised** 50% the progress of the game as **Vice Lead Developer Team** at RenPy Game (Novel) Development 2024
- **Actively participated** in contests and competitions as a devoted Student Club **Member** 2024–2025
- **Coordinated** with another logo designer as PARAS (Ramadan Event) **Logo Designer** 2024–2025
- **Spread** knowledge regarding UTBK as **PLC (Progress Learning Community) UI Member** 2024–2025
- **Secured** sponsorships and others as STEI-K Faculty **Treasurer** of Gathering "SYNC: Say Yes to New Connections" 2025

WORK AND INTERNSHIPS

- **Taught 30 students** Number Theory as Ruang Belajar Mathematics **Teacher/Tutor** 2025, Jan–February
- **Collaborated in** renovating the UI/UX and concept of "Baca Materi" as **Education Team** at **Analitica.id** 2025, May–Aug

PROGRAMMING SKILLS

- **Unity and C#** for Game Development Learning 1 year experience
- **Godot** for Game Development Learning; a demonstrated project is on [YouTube](#) 1 year experience
- **Python** for Multipurpose Tasks and Sage Math 3 years experience
- **C++** for Competitive Programming with **TLX rating of 1686** 1 year experience
- **C** for Window Manager [[nihwm](#)], project is uploaded on GitHub 2 years experience
- **Haskell** for Functional Programming and Foundation of Mathematics 1 year experience
- **Bash** for Arch Linux as part of *daily driving* in GNU/Linux 3 years experience

LANGUAGE PROFICIENCIES

- **Indonesia** (Native) 2007–Present
- **English** (IELTS, Overall 7.5) with **Reading** (8.5), **Writing** (7.0), **Listening** (7.0), and **Speaking** (7.0) 2024–Present

WRITINGS AND PUBLICATIONS

- **Wrote a short story** anthology (dark genre) in the book named *The Invalid Train*
- **Wrote a short story** "Pion yang Bermimpi Menjadi Menteri" in the anthology book *Pion yang Bermimpi Menjadi Menteri*
- **Won a short story weekly contest** on Instagram titled "Kisah Sang Penjudi, Ikarus—Suami Sisifus"
- **Revised and edited 4 students' essay** for PPKB UI

CERTIFICATIONS

- HackerRank: **Python** (Basic) 26 July, 2021
- HackerRank: **JavaScript** (Basic) 26 July, 2021
- HackerRank: **SQL** (Basic) 12 May, 2022
- HackerRank: **Problem Solving** (Basic) 4 September, 2022
- HackerRank: **Problem Solving** (Intermediate) 17 September, 2023