

Farras Mohammad Hibban Faddila

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EXPERIENCE

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|--|--------------------|-----------------------------|
| Software Development Engineer Intern | GDP Labs | <i>June 2020 - Aug 2020</i> |
| <ul style="list-style-type: none">- Exploring and implementing ADMS (Automatic Data Master Server) for fingerprint attendance devices. | | |
| Graphics and AI Laboratory Assistant | ITB | <i>Aug 2020 - now</i> |
| <ul style="list-style-type: none">- Currently positioned as assistant coordinator in course IF2121 (Computational Logics). | | |
| Vice Competitive Programming Division | Arkavidia 7 | <i>Jul 2020 - now</i> |
| <ul style="list-style-type: none">- Assisting the head of competitive programming division in Arkavidia 7, an informatics event held by HMIF ITB. | | |
| Basic Programming Lab Assistant | ITB | <i>Aug 2019 - Dec 2019</i> |
| <ul style="list-style-type: none">- Monitoring and supervising lab sessions for course KU1102 (Introduction to Computation), as well as grading works and giving feedback. | | |
| Staff at Tech Issues and Exploration | HMIF ITB | <i>Mar 2020 - now</i> |
| <ul style="list-style-type: none">- Creating tech-related articles and podcasts. | | |

EDUCATION

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| Informatics | Bandung Institute of Technology (ITB) | <i>Aug 2018 - Jul 2022 (expected)</i> |
| <ul style="list-style-type: none">- Cumulative GPA: 3.93 | | |

NOTABLE ACHIEVEMENTS

- **[International] First Prize, International Mathematics Competition (IMC)** (2019). Ranked 29th in the overall standings.
- **[International] Silver Medal, International Mathematical Olympiad (IMO)** (2018).
- **[International] Silver Medal, Romanian Master of Mathematics (RMM)** (2018).
- **[International] Honorable Mention, IMO** (2017).
- **[National] Gold Medal, Olimpiade Nasional Matematika dan Ilmu Pengetahuan Alam Tingkat Perguruan Tinggi (ONMIPA PT)** (2019). Ranked third in overall standings.
- **[National] First Place, Calculus Cup** (2019). Ranked first in the calculus competition held by Universitas Negeri Jakarta.
- **[National] First Place, Mathematical Analysis and Geometry Day (MaG-D)** (2019). Ranked first for the individual contest and fifth for the team contest in competition held by the Analysis and Geometry Research Division of the Mathematics Department of ITB.
- **[National] Finalist, International Collegiate Programming Contest (ICPC) Regional Asia-Jakarta** (2019, 2018).
- **[International] IEEEExtreme 13.0 Programming Competition** (2019). Ranked 45th overall from 9400 participating teams.
- **[National] 2nd Runner Up, Senior Competitive Programming Compfest (SCPC) Compfest 12** (2020). Competitive programming contest held by University of Indonesia, which also serves as ICPC Provincial Contest.
- **[National] 2nd Place, Competitive Programming Find IT!** (2020).

AWARDS

- **[Institutional] Ganesha Karsa Award** (2019, 2020). Awarded by Institut Teknologi Bandung (ITB) for having an achievement in academic-based competition representing ITB.
- **[National] Awardee of Beasiswa Unggulan** (2018). Awarded scholarship worth \$12800 for full undergraduate tuition as well as other academic and co-curricular activities.

SELECTED PROJECTS

- **Face Recognition** (2019). Face recognition app based on simple euclidean distance as the metric. **Python (OpenCV, TkInter)**
- **Python Lexer** (2019). Determining if a python code satisfies its syntactic rule, but without semantic checking. **Python.**
- **Avatar Card Game** (2020). An avatar-themed card-based game with GUI. **Java (Gradle, JavaFX).**

SKILLS

Python, C++, C, Java, Git.