



# ILYAM FAISAL

TensorFlow Developer Certified with some experiences working on team final project such as Android and Machine Learning applications. Currently in 7th semester Informatics student at Ahmad Dahlan University, Yogyakarta and focusing on Artificial Intelligence. In the Machine Learning team final project, responsible for making Machine Learning models that can detect Indonesian tourist landmarks. I still want to learn Android Development to be more proficient in it.



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Karanganyar, Central Java



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## SKILLS

### Development Languages

Kotlin, Java, Python, C, C++

### Technology

Android Studio, TensorFlow, Kaggle, Google Colaboratory

### Soft Skills

Teamwork, Time Management, Adaptability, Work Ethic, Pro-active, Logical Thinking



## EXPERIENCE

### Independent Study Program on Machine Learning at Bangkit Academy 2022 led by Google, Tokopedia, Gojek, & Traveloka

February 2022 – July 2022 (6 months) • Bandung, West Java (remote)

- Learned about Computer Vision, Convolution Neural Networks, Natural Language Processing, Sequences, Time Series, Prediction, real-world image data, and many more.
- Learned soft skills material for the work environment in the technology industry.
- Learned and used English during this program.
- The final project must be made in a team with 6 members. My team made an android app called Trace that implements Android, Machine Learning, and Cloud Computing technologies. I contributed to the creation of a Machine Learning model (Image Classification) for the detection of Indonesian tourist landmarks images. I managed to make the model with 83% accuracy.
- In the final project, I managed to overcome the problem of the machine learning model size being too large using the transfer learning method with MobileNetV2.
- In the final project, I also managed to help other members of the Machine Learning team who had difficulty in determining the right algorithm and method.
- Got grades with an A predicate on the final project.

### Independent Study Program on Android Application at PT. Presentologics

August 2021 – January 2022 (6 months) • Bandung, West Java (remote)

- Learned Android Application Fundamentals, SOLID Principles, OOP, Kotlin Programming Language, Android Jetpack, and more.
- Create dozens of android applications as training materials and submissions for the course classes in the PT. Presentologics (Dicoding) Platform.
- Learned soft skills material for the work environment in the technology industry.
- The final project is carried out in a team with 2 members. My team managed to create an Android app that called MedicationReminder. This application is used to help patients not to forget to take their medicine.

### Volunteers Regarding Environmental Issues

27 November 2019 • Cemoro Sewu Beach, Special Region of Yogyakarta

- This activity is held to overcome waste pollution and educate tourists about marine debris.
- Me and some college friends clean up trash on the seacoast. I was also given the task of making and editing videos for campaigns and education about waste on the seacoast.



## EDUCATION

### Ahmad Dahlan University

Bachelor's Degree Informatics

2019 – Present



## CERTIFICATES

### TensorFlow Developer Certificate

Google

July 2022 – July 2025

### Belajar Android Jetpack Pro

Dicoding Indonesia

Nov 2021 – Nov 2024

### Belajar Fundamental Aplikasi Android

Dicoding Indonesia

Oct 2021 – Oct 2024

### Belajar Membuat Aplikasi Android untuk Pemula

Dicoding Indonesia

Sep 2021 – Sep 2024

### Belajar Prinsip Pemrograman SOLID

Dicoding Indonesia

Sep 2021 – Sep 2024

### Memulai Pemrograman Dengan Kotlin

Coursera & Google

Sep 2021 – Sep 2024

\*For the rest of certificate, check on my LinkedIn



## PROJECTS

### Trace

May 2022 – June 2022

Team final project during the Independent Study Program on Machine Learning at Bangkit Academy 2022.

### MedicationReminder

November 2021 – December 2021

Team final project during the Independent Study Program on Android Application at Dicoding.

Generated: 21 July 2022

Bangkit ID : M2179F1741  
 Name : Ilyam Faisal  
 University : Universitas Ahmad Dahlan  
 NIM : 1900018420  
 Supervisor : Lisna Zahrotun, S.T, M.Cs

Transcript Status : Final Transcript  
 Bangkit Completion : Full Graduate  
 Learning Path : Machine Learning  
 Capstone Team : C22-PS178  
 Capstone Status : Finished

Courses/Specialization/Activities	Course Codes	Hours	Suggested SKS	Score (0-100)	Score (A-E)
Memulai Pemrograman Dengan Python	B22MLDC07	20	3	100	A
IT Automation with Python	B22MLCR01	132		99	A
Mathematics for Machine Learning	B22MLCR02	56	1	99	A
TensorFlow Developer Professional Certificate	B22MLCR03	88	2	99	A
Structuring Machine Learning Projects	B22MLCR04	9		99	A
Tensorflow Data and Deployment	B22MLCR05	71	2	99	A
Preparing for Tensorflow Developer Certification	B22TDCP01	25		99	A
Capstone / Final Project	B22CAPP01	200	6	91	A
Soft skill & Career Development	B22SSCE01	356	6	81	B
<b>Total (Hours, SKS) / Average (Score)</b>		<b>957</b>	<b>20</b>	<b>91.25</b>	<b>A</b>

Student's Attendance (Mandatory Meetings) 100%  
 Student's Attendance (All Meetings) 96%

1. This is Bangkit-system-generated transcript and valid without signature
2. This Transcript acts as a recommendation. Final Decision on conversion is strictly Academic Counselor / Study Programme Prerogative.

Dicetak Tanggal: 18 Januari 2022

Dicoding SIB ID : A179R4132  
Nama : Ilyam Faisal  
Universitas : Universitas Ahmad Dahlan  
NIM / NRP : 1900018420  
Pembimbing Akademik : Lisna Zahrotun, S.T, M.Cs

Status Transkrip : Final  
Kelulusan : Lulus Penuh  
Paket : Android  
Tim Proyek Akhir : CSD-099  
Status Proyek Akhir : Selesai

Kelas/Aktivitas	Kode Kelas	Jam	Rekomendasi SKS	Nilai (0-100)	Nilai (A-E)
Memulai Dasar Pemrograman untuk Menjadi Pengembang Software ke Dasar Pemrograman	DCDT0237	23	1	92	A
Pengenalan Ke Logika Pemrograman	DCDT0302	6		92	A
Belajar Dasar Git dengan Github	DCDT0317	15	1	92	A
Belajar Prinsip Pemrograman SOLID	DCDA0169	15		92	A
Memulai Pemrograman dengan Kotlin	DCDA0080	50	3	85	A
Belajar Membangun Aplikasi Android untuk Pemula	DCDA0051	40		92	A
Belajar Fundamental Aplikasi Android	DCDA0014	150	5	88	A
Belajar Android Jetpack Pro	DCDA0129	70	4	88	A
Simulasi Ujian Associate Android Developer	DCDA0287	40		92	A
Capstone / Final Project	DCDSIBCP	100	3	82	B
Soft skill & Career Development	DCDSIBSS	97	3	87	A
<b>Total</b>		<b>606</b>	<b>20</b>	<b>88</b>	

1. Transkrip ini dicetak otomatis oleh sistem dan berlaku tanpa tanda-tangan Absensi 100%
2. Apabila terjadi perbedaan data di sistem dan cetakan, silakan merujuk pada data sistem
3. Transkrip ini merupakan rekomendasi. Konversi dan Pengakuan SKS merupakan hak prerogatif masing-masing pembimbing dan Universitas