



IVANOVA MARIIA

ML Engineer

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Contact



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Kuala Lumpur, Malaysia

Education

Bachelors of Computer Science (AI)

Asia Pacific University - Malaysia

2024-2027

Expected 2027 | GPA: 3.85 / 4.0

Consistently led 5+ group assignments per semester.

Coursework: ML, Data Science, Databases, Algorithms, Operating Systems.

Selected Projects

AI Scheduler Assistant (personal)

StudyBuddy Web App (startup)

Campus Navigation AR System (APU project)

Certification

- Coursera (University of Michigan):
 - Introduction to Data Science in Python
 - Applied Machine Learning in Python
 - Mathematics for Machine Learning (Linear Algebra)
- Skillbox:
 - Python Developer with Django — Skillbox

Top Skills

- **Languages & Frameworks:** Python, Django, JavaScript, HTML/CSS, C#
- **ML & Data:** NumPy, pandas, scikit-learn, ML heuristics, data preprocessing, visualization
- **Systems & Tools:** WebSockets, Redis, Firebase (Auth, Storage), SQL, Git, Linux
- **Strengths:** Startup-style execution, rapid prototyping, cross-cultural teamwork, project leadership

Experiences

Student Developer - Navigation System

2024-2025

- Built a Campus Navigation prototype with 360° panoramas and optimized routing algorithms
- Designed both web and mobile UI → scheduled integration in uni app.
- Published on Github

App Developer - StudyBuddy (Startup Project)

2024-2025

- Developed real-time collaboration app with group finder, messenger, and checklists.
- Implemented WebSocket chat with Redis caching and Firebase Authentication → system used by 50+ students in sandbox competitions.
- Acted as co-leader, handling architecture, backlog, and mentoring peers.

Freelance Telegram Bot Developer

2023

- Delivered two Telegram bots for an art exhibition and science forum, automating FAQs and notifications.
- supports real-time interactions and differentiate flow of UX

Innovation and progress are in continuous learning