Petra Michael - Resume

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Computer Science student at Binus University, Bandung, Indonesia. Currently partaking internship at IDEMIA as Software Development Engineering Intern. Interested in Deep Learning, Software Engineering, Automation Test Engineering, Data Science, and Full-Stack Development.

Portfolio: [petramichael.vercel.app](https://petramichael.vercel.app)

## Education

**Bina Nusantara University**  
Bachelor Degree, Computer Science.  
GPA: 3.58

Sep 2022 – Present

## Conferences

**ICDXA Conference Proceeding Participation**  
Paper: “Investigation on Correlation of Water Quality Data with Aerial Images.” Collaborated with lecturers.

Jan 2024

## Experiences

**IDEMIA**  
Software Development Engineering Intern  
Developed and maintained software for smart card applications. Assisted in testing and debugging processes.

Feb 2025 – Present

**HIMTI Binus University**  
Academic Events Manager  
Led recruitment, planned and executed programming-related events. Organized technical workshops for public and student engagement.

Feb 2024 – Jan 2025

**Nippon Club Binus University**  
Treasurer and Finance Manager  
Managed finances, budgets, and reports. Oversaw event planning and fund allocation.

Feb 2024 – Jan 2025

**Binus University**  
Research Assistant  
Co-authored ICDXA paper, processed data for machine learning. Supported data article creation and quality assurance.

Jun 2023 – May 2024

**Binus University**  
Website Manager  
Maintained APSKI website. Managed content, conference support, and collaboration with KemenkopUKM.

May 2023 – Apr 2024

**HIMTI Binus University**

Activist

Being part of a team for teaching members of School of Computer Science and the public about programming hard skill

Feb 2023 – Jan 2024

**Nippon Club Binus University**

Activist

Being a part of a support team for various task such as leading a charity program and oversaw a general expo of the organization

Feb 2023 – Jan 2024

## Leadership & Activities

**Nippon Club Binus University**  
Event Chairman – Charity Event  
Led charity event, coordinated book donations and cultural teaching activities at a local orphanage.

May 2023 – Jul 2023

## Skills & Hobbies

**Technical:** Node.js, React.js, React Native, PostgreSQL, MySQL, Java, Python, C, HTML, CSS, Tailwind CSS, Java Card, Flask, Next.js, APDU protocol, TensorFlow, Roboflow, Git, Agile Scrum, TDD, DevOps CI/CD

**Languages:** English (Bilingual), Indonesian (Native)

**Hobbies:** 3D Modeling (Blender), Terrarium Building, Leather Crafting, Stock Market Analysis