REYNALDY MARCHELL BAGAS ADJI

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Education Level

Universitas Bina Nusantara - Indonesia   Jun 2022 - Jul 2026 (Expected)

Bachelor Degree in Computer Science, 3.59/4.00

- Specialization: Internet of Things (IoT) , Web Development
- Relevant Coursework: Artificial Intelligence, Algorithm and Programming, Data Structures, Human and Computer Interaction, Scientific Computing, Algorithm Design and Analysis, Computer Networks, Computational Biology, Embedded System, Cyber Security in Internet of Things, Database Technology, Software Engineering, Mobile Programming, Object Oriented Programming

Chung Yuan Christian University - Taiwan   Feb 2023 - Jun 2023

Virtual study abroad program - Industrial and Systems Engineering, 75.00/100.00

- Techstack, tools and Knowledge: Mixed Integer Programming, LaTeX, Linear Programming, GAMS

Work Experiences

Binus University - **Bandung, Indonesia**   Jan 2024 - Present

Research Assistant

- Conducting research on effectiveness of utilizing different types of water for urban farming.
- Designing a schematic for the IoT device prototype.
- Developing a web-based dashboard for monitoring IoT device.
- Engaged in close collaboration with my team, ensuring seamless integration of both hardware and software.

Binus University - **Bandung, Indonesia**   Sep 2023 - Present

Freshmen Partner

- Offer support and guidance to students encountering academic difficulties.
- Provide assistance to new students in navigating university life.

Organisational Experience

Bina Nusantara Computer Club - Bandung   Sep 2023 - Present

Research and Development Staff

- Introducing the fundamentals of JavaScript to new activists.
- Teach fellow activist about workflow at RnD team.

Bina Nusantara Computer Club - Bandung   Nov 2022 - Sep 2023

Research and Development Activist

- Understand the standardization that applies to products developed by this organization.
- Work together in a team to complete the project.
- Completing the regeneration period of RnD team.

Skills, Achievements & Other Experience

- **Projects** ⊙ (2024): Breath (web-based social media platform)
- **Projects** ⊙ (2023): GVC (Gesture Volume Control) is a Python-based application that allows users to control the volume of their computer using hand gestures.
- **Soft Skills**: Teamwork and Colaboration, Communication, Eager to learn, Analytical Thinking, High Curiosity.
- **Hard Skills**: TypeScript, JavaScript, JAVA, React.js, Next.js, Node.js, Express.js, Tailwind CSS, C/C++, Git/GitHub, HTML, CSS, MongoDB, MySQL, Postman, Android, Arduino, Unity..