



# WIDYA RACHMANIA

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I am a final year Information Systems student at Gunadarma University's with a passion for technology in business. Seeking a junior role in Software Engineering, Data Analytics and Quality Assurance. Eager to leverage skills and thrive in a challenging environment

## WORK EXPERIENCE

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**Gunadarma University** – Depok, West Java, Indonesia

**Head Assistant Information System Laboratory**

*Oct 2024 - Present*

*Part Time*

- Manage the input and accuracy of student grade records in the university system.
- Resolve technical issues encountered by students during practicum sessions, ensuring smooth and continuous learning.
- Train and mentor lab assistants on course materials and practicum activities, improving their instructional capabilities.
- Oversee the implementation and organisation of practicum activities, ensuring they are in line with the curriculum and academic standards.

**Assistant Information System Laboratory**

*Oct 2023 – Oct 2024*

*Part Time*

- Provide hands-on teaching in materials such as PHP, UML, R-prog
- Assessed and evaluated over 50 student projects
- Designed and supervised practical exercises
- Resolved students' technical issues during lab sessions

**Assistant Praktikum Mata Kuliah Unggulan Hyper Computer (HPC)**

*Mar 2023 - Jun 2023*

*Part Time*

- Facilitated hands-on lab sessions on Nvidia DGX-1 and DGX A100 machines, help students in advanced topics like Data Mining, Deep Learning, and Machine Learning using Python.
- Assisted in the preparation and execution of practical activities, improving lab efficiency and student readiness by ensuring proper setup of equipment and resources.
- Guided students through complex data analysis tasks, increasing understanding of data processing and machine learning techniques through hands-on experience.

## ORGANIZATIONAL & VOLUNTEER EXPERIENCES

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**BEM of Faculty of Computer Science and Information Technology** - Gunadarma University

**Internship Staff of Politics and Student Welfare**

*Feb 2022 – May 2022*

- Facilitated communication between students and university policymakers, ensuring timely resolution of academic concerns
- Increased student engagement with internship opportunities through targeted Instagram content.
- Created targeted Instagram content related to student life and improving social media reach

**Ambision Season 2 Art Festival** – Depok, West Java, Indonesia

**Head of Event Division**

*Mar 2019 – Des 2019*

- Led event planning and logistics for a large-scale art festival attended by over 500 participants, managing timelines, resources, and vendor coordination.
- Collaborated with other divisions to ensure smooth execution of technical setups, resulting in a seamless event with positive feedback from attendees.
- Created detailed event rundowns, reducing preparation time and improving efficiency in task delegation and coordination.

## EDUCATION

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**Gunadarma University** – Depok, West Java, Indonesia

*Information System, 3.77 / 4.00*

*2021 - Present*

## NON FORMAL EDUCATION

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**PT Revolusi Citra Edukasi** – Kuningan, South Jakarta, Indonesia

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## PROJECTS

### Bike Sales Analytics & Software Development – PT Revolusi Citra Edukasi

Feb 2024 – June 2024

#### Project Lead - Data Analyst - Quality Assurance

Led the analysis of over 5,000 bikes sales records using the SMART method and Root Cause Analysis (RCA) to uncover key trends and address underlying issues. Developed interactive data visualizations with Chart.js, enhancing clarity in data presentation and driving more informed decision-making. Created comprehensive test documentation to ensure the accuracy and reliability of the final product, contributing to improved operational efficiency.

[!\[\]\(de95854c7ee024cfadc48187bbb781b2\_img.jpg\) Semarang-Team-5.app](#)

### Pikipiki Team Generator Website – Depok, West Java, Indonesia

Oct 2023 – Dec 2023

#### Web Developer

Developed a platform for generate teams and name picker generator

[!\[\]\(9c2e8d1b5bd77cb5c9f83b7a9cff79fd\_img.jpg\) PikipikiGenerator](#)

### Preschool's Learning Website – Depok, West Java, Indonesia

Nov 2023 – Dec 2023

#### Web Developer

Developed a learning website for preschool children, enhancing their recognition of letters and sounds through interactive exercises

[!\[\]\(eabd9f9ababee93effadc3b380fe65fd\_img.jpg\) preschool-learning](#)

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## SKILLS

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|---|---------------------------------|
| • Assist Reports and Monitoring           | • Attention to Detail           |
| • Communication and Teamwork              | • Data Analysis & Visualization |
| • Problem Solving and Analytical Thinking | • Programming & Web Development |
| • Project Management                      | • Project Management            |
| • Initiative and Fast Learning            | • Software Testing              |
| • Time Management                         |                                 |

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## TECHNICAL SKILLS

- Programming Languages (SQL, HTML, JavaScript, Python, VB.Net, C#, PHP)
- Data Science Tools (Jupyter Notebook, Google BigQuery, Looker Studio, Google Sheets, Google Collab)
- Web Development Tools (Visual Studio Code, Visual Studio, XAMPP, SSMS, Figma)
- Microsoft Office (Excel, Word, Power Point, Visio)

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## TRAINING | WORKSHOP | CERTIFICATION

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| • Google Data Analytics Professional by <i>Google</i>                 | • Data Science Challenge with Python by <i>DQLab</i>       |
| • VB.NET For Intermediate by <i>LePKom</i>                            | • Beginner C# by <i>LePKom</i>                             |
| • C# For Intermediate by <i>LePKom</i>                                | • Beginner VB.Net by <i>LePKom</i>                         |
| • Learn Data Analytics & Software Development With AI by <i>RevoU</i> | • Fundamental Web by <i>LePKom</i>                         |
| • Python Fundamental for Data Science by <i>DQLab</i>                 | • Fundamental Desktop by <i>LePKom</i>                     |
| • Exploratory Data Analysis with Python for Beginner by <i>DQLab</i>  | • Introduction to Wireless LAN installation by <i>LPUG</i> |
| • Belajar Dasar SQL by <i>Dicoding</i>                                |  |
| • Belajar Membuat Front-End Pemula Web by <i>Dicoding</i>             |  |