

# MUHAMMAD DARMAWAN

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## PROJECT EXPERIENCE

**Thesis;** Pekanbaru City, Riau Province, Indonesia April 2023 - June 2024

- Thesis Assignment for Informatics Engineer Bachelor's Degree at Universitas Islam Riau, making Manage Cost and Schedules for Civil Construction App for Civil Engineering of Universitas Islam Riau
  - Web App for managing schedule, and cost for projects. Made with VueJS + ExpressJS
  - Using Differential Evolution as method to get material recommendation for project tasks

**Internship;** Pekanbaru City, Riau Province, Indonesia July 2020 - December 2021

- Internship assignment for Informatics Engineering at Universitas Islam Riau, making an Optional Course Scheduling App for Civil Engineering of Universitas Islam Riau
  - Web App for managing optional course at civil engineering made with Laravel + VueJS framework, SPA/MPA Hybrid
  - Authentication for user with 4 levels; Guest, Super Admin, Admin, College Student
  - Also has simple forum feature for students and staffs communicating

## WORK EXPERIENCE

**Department of Population and Civil Registration - Back Office Employee;**

Pekanbaru City, Riau Province, Indonesia September 2022 - Present

- General office work such as document managing, operating apps, making reports, etc
- Fill in when certain Front Officer has leave from work on that day

**Universitas Islam Riau - Laboratory Assistant;**

Pekanbaru City, Riau Province, Indonesia September 2019 - July 2021

- Teaching juniors as Lecturer Assistant on practicum lessons: C++, DBMS, MySQL, Python, Matlab, PHP
  - Have juniors keeping up with building practice source code. While explaining how the code works, helping them with debugging if bug or errors found

## EDUCATION

**Universitas Islam Riau, Engineering Faculty | Bachelor of Informatics Engineering**

Pekanbaru City, Riau Province, Indonesia September 2017 - June 2024

Concentration: Artificial Intelligent | GPA: 3.73 / 4.0

**Sekolah Menengah Kejuruan Negeri 2 Pekanbaru | Graduate of Vocational High School for Computer Software Engineering Major**

Pekanbaru City, Riau Province, Indonesia July 2014 - June 2017

## SKILL & INTERESTS

**Interests:** Photography, Music, Gaming, Badminton

**Tech Stack:** C++, Python, PHP, JavaScript, HTML, CSS, MySQL, Laravel, VueJS, ExpressJS