

# Naufal Rizki

UNDERGRADUATE STUDENT  
COMPUTER SCIENCE

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## SUMMARY

Third year of Informatics undergraduate student at Universitas Diponegoro. Interest with problem solving in programming and still learning about the development of programming for software engineers.

## EXPERIENCE

### Algorithm and Programming Lab Assistant | Part – Time | UNDIP

February – Juni 2024

- Used C programming language in teaching
- Taught and improved procedural programming paradigm

### Basic Programming Lab Assistant | Part-Time | UNDIP

August 2023 – July 2024

- Used Python programming language in teaching
- Taught and improved functional programming paradigm

### Finalist | Digital Innovation Challenge | Markoding

February 2021 – March 2021

- Created a creative digitalization idea from problem
- Created mobile-based application prototype design from idea

### Data Structure Lab Assistant | Part-Time | UNDIP

August 2024 - Present

- Used C programming language in teaching
- Taught and improved data structure in programming

### Research Assistant | Part-Time | UNDIP

August 2024 - Present

- Used Python programming language
- Building machine learning models for Anomaly Intrusion Detection System
- Used Bot - IoT dataset from UNSW Sydney

## EDUCATION

### Computer Science, Universitas Diponegoro

2022 - Present

Faculty of Science and Mathematics - Bachelor's degree

GPA : 3.78 / 4.00

### SMA Negeri 11 Semarang

2019 - 2022

### SMP Negeri 9 Semarang

2016 – 2019

## CERTIFICATION

### Course Completion Java Programming

July 2024

Oracle Academy

<b>Basic React.js (Gold)</b> Skilvul	<b>June 2024</b>
<b>Course Completion Database Programming with SQL</b> Oracle Academy	<b>May 2024</b>
<b>Deploying Smart Contract</b> ICP HUB Indonesia	<b>May 2024</b>
<b>Course Completion Database Design</b> Oracle Academy	<b>December 2023</b>
<b>Fundamental Front-End Web Development II</b> Coding Studio	<b>August 2023</b>
<b>Fundamental Front-End Web Development I</b> Coding Studio	<b>August 2023</b>
<b>Full Day English Course for One Month</b> Kampung Inggris Jogja Official	<b>August 2022</b>
<b>TOEFL PBT Preparation</b> The Bright English	<b>July 2022</b>
<b>Finalist Digital Innovation Challenge 2021</b> Markoding	<b>November 2021</b>

## ORGANIZATIONAL EXPERIENCE

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<b>Research and Development Division   I-Rich UNDIP</b> I-RICH (Informatics Research Innovation & Technology) is a forum for Computer Science/Informatics students, Faculty of Science and Mathematics, Diponegoro University who want to improve their talents and abilities in the professional field of informatics.	<b>February 2024 – Present</b>
<b>Member   Google Developer Student Clubs UNDIP</b> Google Developer Student Clubs are university based community groups for students interested in Google developer technologies to expand knowledge in a peer-to-peer learning environment and build solutions for local businesses and communities	<b>August 2022 – Present</b>
<b>Chairman   Kelompok Ilmiah Remaja   SMAN 11 Semarang</b> Led an organization that carried out a series of activities that produced scientific work, through various research and development processes	<b>August 2020 – September 2021</b>

## SKILL

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- **Hard Skill** : HTML, CSS, Java Script, Bootstrap, Tailwind, Laravel, MySQL, SQL Server, C/C++, Python, and Java
- **Soft Skill** : Communication, analytics and critical thinking skills, creative problem solving, leadership, teamwork and public speaking, and time management