Anggriawan Rayzadmiko

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Summary

A fresh graduate in System and Instrumentation Physics, who has a great interest in Web Development and Software Engineering. Thanks to hard work, I managed to get a cum laude predicate with a GPA of 3.51. I myself am a fast learner who is self-taught, interested in learning new technologies, and can work in teams or individually. Currently I have learned a lot of new technologies over the past year and have 1 year of experience designing UI and managing social media in the Exedu Start-up Project, creating up-to-date UI designs for the web using Figma.

Experience

Erlangga   Dec 2022 – Aug 2023
Freelance – Video Editor & Korektor
- Created animation video using Adobe After Effects
- Created assets for the animation
- Responsible for video quality according to client requests
- Created digital books with Adobe InDesign, up to 144+ books
- Initiate discussion with story writer to ensure validity of video material

BRIN   Aug 2022 – Nov 2022
Research Assistant
- Modeled and developed a PID controller using Raspberry Pi programmed with Python and tuning it, achieve a very stable response on rocket flight
- Modeled and developed a control system for rocket VTOL that achive miss distance less than 1 meter on simulation
- Suggested the controller algorithm method
- Assisted in a journal writing

Exedu Start-Up Project   Jul 2021 – Jul 2022
UI Designer
- Designed a google based website (Google Sites) that have more than 1500 users
- Created a website prototype in Figma and collaborated with Product Manager
- Collaborated with content writer to maximize the UI design according to the content, achieve a responsive web across any platform
- Designed attractive content design to reach the public in instagram

Universitas Indonesia   Feb – Jul 2022
Control System Laboratory Assistant
- Evaluated practitioner's competence in the form of a presentation
- Trained practitioners about control theory in practice with microcontroller and data acquisition software

Lembaga Penerbangan dan Antariksa Negara (LAPAN)   Jul – Sept 2021
Research Intern
- Built a PID controller with LabVIEW and implement it on rocket flight guidance and VTOL, resulting miss distance less than 1 meter on simulation
- Reported the progress and method of the controller algorithm

Education

Universitas Indonesia   Graduated: Jul 2022
Bachelor of Science – Physics – Instrumentation Physics
GPA 3.51/4.00 – *Cum Laude*
- Thesis Research: Design of Cold Probe Temperature Controller on Thermoelectric Material Characterization System using Microcontroller
- Digital Signal Processing Project: Speech Recognition Based on Mel Spectrogram with Deep Learning using MATLAB and Python
- Sensors and Actuators Project: Design and Build Vehicle Noise Test System for Two-Wheel Motor Vehicle

Technical Skills

- JavaScript
- HTML5/CSS3
- ReactJS
- Python

- Git
- NextJS
- UI/UX
- MongoDB

- Adobe Photoshop
- Adobe Illustrator
- Figma
- Prisma ORM

Organization and Volunteer

Physics Department Student Association
Staff   Feb 2020 - Feb 2021
  Designed attractive content to reach the public in instagram
  and students

Pesta Rakyat Fisika (PRF)
Staff of Quiz Competition at Elementary School Level   Jan - Februari 2020
  Designed attractive and interactive question with PowerPoint

Projects

- **Blogin**
  A blog web project that allows users to create a blog with markdown that can be seen by everyone. The project can be visited in this link: https://blogin-razd.vercel.app
- **Razd-net**
  A portfolio website to show off my front-end skills. The project can be visited in this link https://razd-net.vercel.app

Certificate

- **Belajar Dasar Pemrograman JavaScript**
  Dicoding, 2023
- **Belajar Membuat Front-End Web untuk Pemula**
  Dicoding, 2023
- **Belajar Membuat Aplikasi Web dengan React**
  Dicoding, 2023
- **Python Essentials 1**
  Cisco, 2022
- **Python Essentials 2**
  Cisco, 2022