Fata Nugraha

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EDUCATION

Bachelor of Informatics   **Bandung Institute of Technology**   *Aug 2017 – Jul 2021 (expected)*

- Cumulative GPA: **3.90 / 4.00**
- **Database Laboratory Assistant (Aug 2019 – now)**
- **IF2240 – Database Course Assistant (Jan 2020 – now)**
- Academic and Welfare – Informatics Student Union (HMIF ITB)

TECHNICAL EXPERIENCES

Backend Developer   **tannaga.com (Built with Lumen)**   *Jun 2019 – Feb 2020*

- Developed a system to make writing letters easier based on available templates
- Implemented an API to send and receive documents with Google Drive, and edit these documents with the help of Google Docs, and convert the .docx file to a .pdf file

PROJECTS

- **Document Management System (Built with VueJS, Lumen, and MongoDB)**
  - Website for storing and sharing documents. Features on this website also include digital signatures, image encoding, and encryption systems to secure data.
- **Engima (Built with Vanilla PHP, JAX-WS, themoviedb.org (API), Node.js)**
  - A website for ordering cinema tickets online, made with REST and SOAP style API, and deployed at AWS EC2 instance
- **Image-Shape-Detector (Built with Python Flask, CLIPS)**
  - Categorize an image to isosceles/equilateral/right triangle, square/kite/parallelogram, pentagon, or hexagon with Rule-based System
- **Indonesian Numeral Speller (Built with Go)**
  - Simple API to spell number to string in Indonesian and read an Indonesian string to number
- **Data Scraping – sbmptn.ac.id (Built with Python – BeautifulSoup library)**
  - Parsing the HTML from SBMPTN website (sbmptn.ac.id) to a JSON file, then store the obtained data in MongoDB
- **Simple Websocket Server (Built with Python)**
  - Implementing websocket server based on RFC 6455 without external library. Able to handle concurrent connection, echo text, send binary file, and checksum file sent.

AWARDS

- **National Finalist in National Science Olympiad (OSN) in Mathematics**   *2016*
  - Ranked 6th at Central Java Province
- **AKABRI 70 Scholarship**   *2018 – now*
  - A scholarship for selected bachelor students in Magelang City from 1st Alumnee of Magelang Military Academy. The scholarship's awardee is selected student from some of the best universities in Indonesia.

SKILLS

Python, PHP, MySQL, PostgreSQL, NoSQL (MongoDB), Java