Eko Julianto Salim

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EDUCATION

Universitas Indonesia   2019 – 2023
Bachelor of Science in Computer Science (Sarjana Komputer)   *CGPA: 3.96/4.00*

EXPERIENCE

COMPFEST
Software Engineer   *January 2020 – October 2020*
- Developed the data and API layer of a Gatsby.js frontend using redux-toolkit and axios
- Developed jobfair backend system using Django and DRF
- Contributed to JASPER, COMPFEST's component library

RISTEK Fasilkom UI
Senior Member of Data Science SIG   *March 2020 – Present*
- Taught an internal class on how to solve effectively solve a machine learning problem

BETIS Fasilkom UI
Web Developer   *December 2019 – March 2020*
- Developed an authentication backend utilizing Hasura, Express and Passport.js
- Developed authentication frontend using Next.js and React

PROJECTS

maung.id | *Gatsby, React*   2019
- Developed a Gatsby.js website which serve as homepage for Fasilkom UI's Year 2019 students

polymorphism.xyz UTBK Analysis | *Wolfram Mathematica, pandas, NumPy, seaborn*   2019
- Analyzed edukasystem.id UTBK polling data and offical data to produce a passing grade prediction
- Proved that edukasystem.id polling was biased and was not wholly representative
- Analyzed discrepancies between the two waves of testing and LTMPT's bad implementation of IRT

Atrox | *React, CRA, Firebase*   2018
- Developed a QR-code based ticketing and item deposit system for Ultimate Cup Atrox 2018

LASOR | *Arduino, LDR, Johnny-Five, Websockets*   2018
- Developed a tool to geolocates an attacker aiming a laser at an airplane cockpit using LDR and geodesics
- Developed a web interface to the tool using Johnny-Five and Websockets

CSGO Stats Analyzer | *React, CRA*   2017
- Developed a website to analyze a player CSGO match statistics from then newly released GDPR data

Agenda LINE Bot | *Heroku, Redis, Node.js*   2017
- Developed a classroom LINE Bot to track school assignments for use by the whole class

ACHIEVEMENTS

Data Mining GEMASTIK 13 | *Silver Medal*   2020
- Developed a semi-supervised multimodal deep learning model for filtering relevant tweets during a disaster

Datavidia Arkavidia 6.0 ITB | *Third Winner*   2020
- Developed a Prophet forecasting model to place third overall in the finals
- Developed a CatBoost binary classification model to place first in the preliminaries

Expo Sciences Asia 2018 in Daejeon, South Korea | *Special Award*   2018
- Presented LASOR(Laser Attacker Locator) to an international audience

SKILLS

Programming Languages: Javascript, Python, Java, Haskell, R, SQL
Frameworks: React, Gatsby, Next.js, Node.js, Redux, Django, DRF, Electron, React Native, Flutter, Puppeteer
Tools: Git, Docker, AWS, GCP, Digital Ocean, Heroku, Firebase, Redis, PostgreSQL, Hasura
Data Science: pandas, NumPy, Matplotlib, seaborn, plot.ly, fast.ai, PyTorch, Keras
Languages: English(Fluent), Indonesian(Native), Chinese(Basic)