MARVIN
WIDJAJA

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EDUCATION

BSc in Computer Science | Moscow Institute of Physics and Technology (October 2018 – July 2022)

- 4.67/5

SKILLS

- Computer Languages: C++, Python, Java, JavaScript, Typescript
- Databases: PostgreSQL, MySQL, MongoDB
- Framework: Flask, Spring, Angular, Express
- HTML/CSS
- RESTFUL- API, Swagger
- Testing: Selenium, Cucumber, Junit, JMeter
- Docker, Kubernetes
- CI/CD: Jenkins, Gitlab
- Languages: English, Indonesian, Mandarin and Russian

Experience

Software Developer in Test (SDET) Intern | Blibli Indonesia (June 2021 –September 2021)

- Responsible for creating automation test for existing features and new features in Java (Selenium) and Gherkin (Cucumber).
- UI Testing on new features/releases such as Promotion Box, Checkout and Thankyou Page
- API Testing on several new features using Swagger, Postman, JMeter
- Create test cases for new features/releases

Project Engineer Intern | Lantro Technologies Indonesia (July 2019 – August 2019)

- Meeting clients to discuss their budgets, plan and design
- Visiting sites to ensure that it is according to plan
- Assisting the engineer for the coordination in the drawing of the projects

Projects

Personal Website: https://marvinwidjaja.github.io/

Music Generation with Deep Learning | Python and Keras
- Improved the current Transformer model in order to produce better sounding music
- Used relative absolute attention instead of absolute attention
- Up to twice longer of music length generated than the trained length
- Produced music with consistency and harmony

Industrial Practice BeeXtrovert | NodeJS
- Developed BeeXtrovert chat application with NodeJS, ExpressJS and MongoDB.
- Developed the frontend using HTML/CSS and EJS
- Used Git for versioning

Online Clothing Store | Python and Flask Framework
- Created an online clothing website with features such as Login/Signup, Add to Cart, Checkout, Search Filters
- Items are parsed from various clothing websites, such as H&M, Kiabi, Bershka
- Containerized and deploy with Docker and Google Cloud

Online Bookstore | Java Spring Boot (Maven) with Angular
- Created Login/Signup, Add to Cart, Product Category, Checkout payment with Stripe
- Implement Spring Security for authentication, accessibility and order histories.
- Frontend with Angular(TypeScript)

Transportation Problem Application | C++, QT
- Created an application with QT Creator
- Calculated optimal/efficient transportation route
- Users are able to insert supplies, demands and choose different methods to solve the problem