

Muhammad Rizky Wellyanto

Full-Stack Developer – Aspiring Entrepreneur

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Experience:

Yahoo – Full-stack Developer Intern (Summer 2016)

- Responsible for cost tracking tool that monitors all groups resources usage across Yahoo's data centers (grid) around the world
- Built an automated onboarding system which allows groups to request access to the grid and onboard their projects in matters of minutes. Potentially cut grid requests SLA time from 3hrs to 1hr
- Implemented an auto-complete web-component. Updated all 'user' input form to have autocomplete feature with a latency of less than 20ms

Everfave – Full-stack Developer Intern (Summer 2015)

- Responsible for the mobile app's main interface. Implemented search auto-complete and added auto-pagination, which sped up the main interface up to 200%
- Developed the app's back-end REST endpoints in NodeJS with Express.js and integrates it with MongoDB Database. Unit tested the endpoints using Mocha.js framework
- Suggested the CEO to do soft tech pivot from web-based front-end to native after analyzing the productivity of the development team
- Developed the Android client's main interface

Education:

University of Illinois at Urbana-Champaign

- GPA: 3.35
- B.S. Computer Science
- Dec of 2017
- Coursework:
 - Web Development
 - Machine Learning
 - Distributed Systems
 - System Programming
 - Database Systems
 - Numerical Methods
 - Algorithms
 - Computer Architecture
 - Data Structure



Honors / Awards:

- Best communication hack using Twilio API (Wildhacks 2015)
- Honor/Accelerated class of SMAN 8 Jakarta (2013)
- 1st Place robotic Cilandak tournament, Jakarta

Domains / Interests:

- Web Development
- Android Development
- Robotics & AI
- Internet of Things

Skills:

Proficient:

- JavaScript + NodeJS
- Java + Android
- C/C++
- HTML/CSS
- Leadership/Teamwork

Prior Knowledge:

- Python + Flask/Django
- SQL & NoSQL
- Ruby + Ruby on Rails
- AngularJS
- MeteorJS
- BackboneJS
- EmberJS
- MochaJS
- Bootstrap
- Android
- SEO
- Finance & Business Strategy
- Git
- JIRA
- Grunt

Projects:

Chimr – Portable home security system with auto messaging (Team of 4)

- Won best communication hack using Twilio API on Wildhacks 2015
- Chimr 'box' will text residents when a stranger is detected. Residents can then text messages back to the system which will be shown in the LCD display
- Developed the back-end server using Python + Flask Framework which handles sensor data and text messages to/from the Arduino board housed inside the product

Fawn – AI-powered mobile app that gives real-time shopping suggestions (Led Team of 4)

- Implemented web scraping and various online marketplace API calls to gather product's data which is then analyzed by the custom-built AI using Linear Regression algorithm
- Developed the back-end server in NodeJS + Express Framework with RESTful endpoints

Turnt – Social media that makes throwing parties a breeze (Led Team of 4)

- Crowd-funding social media website that let users to host a party and raise resources/money from their connections. Locations and transactions are private
- Developed using AngularJS and Bootstrap with Python + Django as the back-end server

TaskSlave – Simple To-do list Android App that Store and Organizes Tasks (Personal)

- Available on Google Play Store. Built in Java, XML, JSON