

# Edmund Tay Wei En

**Address:** Puchong, Selangor | **Mobile:** +6017-9882188 | **Email :** edmundtay96@gmail.com

**Linkedin:** eddyble | **Github:** @Eddayy | **Gitlab:** @edmundtay96 | **Website:** eddayy.github.io

## PROFILE



I'm currently a full stack developer but I also have a huge interest in technology in general and indulge in other fields like smart home systems and machine as hobbies currently. I am aware the challenges of working in a team and facing technical problems on a daily basis and thats why I have a high emphasis on getting better at communication, the attitude to cooperate, able to make both high and low level decisions when developing code and always keep myself up to date to the best practices.

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## JOB EXPERIENCE



Blockchain developer  
Blocklime.com  
May 2018 - Current

I was involved in developing the front-end web and mobile web UI and piloting the shift from templating to single page applications with React. I've also developed backend APIs with nodejs, created ci/cd staging pipelines, webserver setup with nginx and managing AWS cloud infracture. I am also heavily involved in designing the software architecture of the product, design of ERD and enforcing better coding practices for the development team.



Intern  
Riskk.com  
April 2017 - July 2017

Involved insurance system development with VB.net, DevExpress, Azure cloud and SQL server.



Technical Assistance  
Asia Pacific Univercity  
April 2016 - June 2016

Provided IT support to students, quality check of lab computers and remote ghosting to update pcs

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## EDUCATION

### **Bachelor in Software Engineering**

Asia Pacific University (in collaboration with Staffordshire university, UK)

Second Class Honors

My final year project, I create a tool that marks exam papers using machine learning with TensorFlow by using textual entailment technique. The data was feed using a bidirectional rnn. The answer given by students will be marked based on answers set by examiners or lecturers.

### **SPM (Sub science stream)**

S.M.K. Seksyen 3, Bandar Kinrara

Graduated in 2013 with 5As

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## SOFTWARE DEVELOPMENT SKILLS

- Fluent in ESNext Javascript/Nodejs
- Fluent in Concurrency, OOP, functional programming
- SQL and NoSQL database
- Frontend templating and libraries like React with redux
- Backend web framework like express.js and go-chi
- Chart plotting with plotly & D3
- Unit testing with mocha+chai
- Node.js environment ecosystem
- Android development with react native
- Linux user, nginx, systemd, writing bash scripts
- Cloud, ex: AWS n Google Cloud
- Ethereum Smart contract and web3 development ecosystem
- Machine learning with Tensorflow
- Scrum, Agile, Waterfall etc.
- Git user

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## CERTIFICATES/ACTIVITIES

- Participant at Facebook's pytorch scholarship program - Dec 2018
- Trainer at building a dapp in APU blockchain workshop - Oct 2018
- Blocktime workshop participant - Feb 2018
- Winner of Digi-X hackathon - Dec 2016
- Microsoft azure continuous integration workshop - Dec 2016
- JAVA QR IT SEEK competition participant - Nov 2016
- GDC git workshop - Jul 2016
- APU multimedia and design festival MC - Jan 2016
- President of APU movie club - 2016 till 2017
- SAP tool workshop - Jun 2015
- Microsoft Azure workshop - Jun 2015
- Technical Assistant Training - Sep 2014

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## LANGUAGES

**English** - Can communicate and write fluently

**Mandarin** - Can communicate fluently

**Malay** - Can communicate well and write on a basic level

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## INTERESTS

I enjoy travelling, reading books, watching movies, going to gym and playing video games on my free time. I have an interest in history and enjoy reading or watching the alternate history genre. Also listen to several podcast like cgpgrey, freakonomics, any gimlet series and 99% invisible. Psycho-physiological economics is a subject that I'm also interested in. Knowing the way people react to decisions and ways to influence behaviors can help shape designing economic systems in blockchain.

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## REFERENCE

Will be given upon request

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