

Goh Puay Hiang
<https://gphofficial.com>

Education

Nanyang Technological University
Bachelor's in Computer Engineering

Singapore
Aug 2018 – July 2022 (Slated)

- Assistant R&D Director of Blockchain at NTU
- Member of HPC Team
- Member of NTU Offensive Security Club

Singapore Polytechnic
Diploma in Information Technology

Singapore
Apr 2013 - Apr 2016

- IDA's ELITE Development Program (Scholarship)

Experience

Nanyang Technological University's
Smart Platform Infrastructure Research on Integrative Technology (SPIRIT) Lab
Software Engineer Intern (Blockchain)

Singapore
July 2018 - Present

- Worked on Research Project on Application of Blockchain in the Supply Chain Industry
- Evaluated Hyperledger Fabric and Corda on the suitability in the research use case

KPMG Singapore
Management Intern (Software)

Singapore
Oct 2015 – Feb 2016

- Analysed and worked with Individual's income tax chargeable for taxation team
- Overhauled taxation system consisting of 13 category of income/expenses and of well over 300 parameters

KooKoo Studios
Software Engineer (Full-Stack Web Development)

Singapore
Dec 2014 – Oct 2015

- Worked on Mobile App Development - Apache Cordova with Parse as Backend
- Worked on Web Technologies - MongoDB, Express.js, Angular, Node.js (MEAN) stack
- Used Cloud Services – Amazon EC2, Cloudflare, Git

Les Robotique
Software Engineer (Front-End Web Development)

Singapore
Jul 2015 – Sep 2015

- Coordinated with UX artist and programmers for content
- Did maintenance and upgrade on live web store
- Picked up IoT during working term as side project

Awards

CodeXtreme
Finalist (Open Category)

Singapore Management University
2016

- Did a digital signature implementation on Bitcoin to cut down costs and paperwork between insurance companies and Hospitals for claims of medical expenses.
- Used Bitcoin Core, Node.js for development

Emirates Hackathon
Fraunhofer Prize

Emirates, Singapore
2015

- Made a web application to help drivers bid for customer's tender of travel itinerary to create a personalized experience
- Used PHP, Parse

Transport and Youth Hackathon
People's Choice award

Land Transportation Authority, Singapore
2015

- Made a Web Application to help users find routes that are wheelchair/pram friendly
- Google Maps API, HTML, CSS, JS

Ideasinc Startathon
1st

Nanyang Technological University, Singapore
2014

- Developed a web platform for picture cards
- HTML, CSS, JS, Bootstrap

Microsoft //publish/
1st

Microsoft, Singapore
2014

- Developed a teletext replacement on Windows Phone 8.1
- Windows Phone 8 SDK, C# .NET

AngelHack AppHack
Top 10 finalist

AngelHack, Singapore
2013

- Developed a mobile web platform for users to transfer bitcoins
- HTML, CSS, JS, Bootstrap

Clean and Green Hackathon
1st Runner Up

National Environment Agency, Singapore
2013

- Created a mobile app to help town councils receive feedbacks on Cleanliness and Maintenance issues promptly from residents
- Android SDK, Java

Certification

- Proxor 3 Java Certification
- Organizational Systems Security Analyst by ThinkSecure Pte Ltd
- Microsoft Technology Associate: Database Administration Fundamentals
- Microsoft Technology Associate: Software Development Fundamentals
- Microsoft Technology Associate: Networking Fundamentals
- Microsoft Excel 2013