Felicia Agatha

+8170 4482 3595 | agathaflc08@gmail.com | github.com/agathaflc | linkedin.com/in/agathafelicia

EDUCATION

Hong Kong University of Science and Technology, Hong Kong **Sep 2014 – Jun 2018**
Bachelor of Engineering, Computer Science GPA: 3.6 out of 4.3
Minor in Entrepreneurship Dean's List: 4 Semesters

Cornell University, College of Engineering, Ithaca, NY **Aug 2016 – Dec 2016**
Exchange Student, Computer Science

PROFESSIONAL EXPERIENCE

Application Engineer, *Rakuten Inc.,* Tokyo, Japan **Sep 2018 – Present**
- Develop and maintain APIs that search and perform availability check for hotels and flights in Rakuten Travel
- Mentor interns in the team as well as give them tasks that could help them get used to the team's workflow

Software Engineer Intern, *Lalamove,* Hong Kong **Jul 2017 – Aug 2017, Jun 2016 – Aug 2016**
- Wrote unit tests and User Interface tests on Lalamove Android app to keep codebase maintainable
- Worked on back-end side using PHP to implement a feature specific to certain service areas
- Worked in a team of 6 people to develop an application that smooths training process for Lalamove drivers
- Utilized libraries such as Retrofit, Realm, and Espresso in the development of an Android application

Project Member, Student Innovation for Global Health Technology, *HKUST*, Hong Kong **Sep 2015 – May 2016**
- Developed ideas to solve logistics management problems in the treatment of diabetic retinopathy in Indonesia
- Worked in a team of 4 to prototype an Android app that analyzes a picture of a retina and detects the symptoms of diabetic retinopathy, and presented the prototypes to NGO representatives and professors

AWARDS & RECOGNITIONS

Best Final Year Project in Computer Science & Finalist for President's Cup 2018 (HKUST)
- Used Unity 3D with C# to build Facade, a dialogue-based computer game that incorporates the player's emotional state to affect the game's flow of events and atmosphere

Grace Hopper Scholar 2017
- Awarded conference and travel grant from Microsoft to attend the Grace Hopper Celebration 2017 in Orlando, Florida

3rd place for Transportation Theme – hackUST 2017
- Developed a real-time collaborative travel and transportation planning application in 24 hours

Alteryx - Most impactful use of Analytics for Good & Best Use of Pitney Bowes API – YHack 2016
- Built an Android app in 36 hours that informs users about unsafe situations around them

1st place for Bank of East Asia App for LifeStyle – hackUST 2016
- Created Moneybag, a personal financing app targeting millennials in 24 hours

Semi-Finalist for President's Cup 2016 (The Hong Kong University of Science and Technology)
- Designed and built a network of sensors intended to be placed throughout a certain region to give an early warning to humans of deadly environmental elements nearby

COURSES AND SPECIALIZED SKILLS

Programming skills:
- Proficient: Java, C++, C, Python, Android, OCaml
- Know: C#, JavaScript, HTML, React JS, PHP, Go

Languages: Indonesian (fluent); English (fluent); Mandarin (elementary)