

PETRI YAMAMOTO

Backend Developer

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🔗 <https://github.com/petriyamamoto>

📍 Singapore, Arizona

EXPERIENCE

Backend Developer

HCL Singapore Pte Ltd

📅 05/2015 - 06/2018 () 📍 Location

Company Description

- Subcontracted by Motus Digital Publishing to develop a Joomla ebook creation component, and to be in charge of dealing with any updates and changes.
- Subcontracted by Motus Digital Publishing to develop a Joomla ebook creation component, and to be in charge of dealing with any updates and changes.
- Around 87 percent of users utilize this additional feature set.
- Increased the number of ebook users by 12 percent by developing a module that interacts with Houghton Mifflin Harcourts (HMH) Learning Management
- Develop RESTful APIs for e-commerce.
- Database design, TDD, caching layer, Agile/Scrum.
- Created application, application management system(CMS), and automated mailing lists.

Backend Developer

Citiustech

📅 07/2018 - 03/2021 () 📍 Princeton New Jersey United States

Company Description

- Took sole responsibility for architecting and implementing the backend which managed social media API querying, cached API data, maintained historical and real-time datasets, stored user app data, and calculated popularity and demographic metrics.
- Strategized API querying methodologies for Facebook, Instagram, and Foursquare based on documentation, privacy settings, and API exploration.
- Achieved 76% cross-validation accuracy for facial gender recognition of Instagram images by leveraging facial feature detection, facial orientation detection, and OpenCV fisher faces algorithm.
- Enabled the extraction of social metric data from Instagram photos, which was the most concentrated source of demographic information
- Participated in the entire application lifecycle, focusing on coding and debugging.
- Led developer for startup Peelur Inc.
- Worked closely with the iOS team to implement mobile-related API calls.

EDUCATION

Computer Science

National University of Singapore

📅 01/2014 ()

SKILLS

Ruby Laravel Go Lang PL/SQL

JavaScript Oracle Java C#

Swift RESTful Soap

ACHIEVEMENTS



AWards

Dev of the Quarter (Q3/2015) at Crazy Lazy Apps

CERTIFICATIONS

Full-Stack Web Development with React Certification