MALCOLM MCKINNEY

SOFTWARE ENGINEER

EXPERIENCE

Software Engineer II
September 2018 – Present | LINE (now LY Corp), Tokyo, Japan

- Technologies Used: Java, Bash, MySQL, Vue.js, Drone CI, Kubernetes, Docker, Ansible, Karate, Verda (OpenStack)
- Designed CMS for operators to merge auto-suggest tags in order to improve sticker and emoji recommendation algorithm
- Utilized a graph database to establish a link between similar authors of stickers, emojis, and themes
- Made improvements to an internal tool which combines config management, build, and deployment services
- Eliminated memory leaks and modified authorization and authentication framework using Spring AspectJ
- Created API to kill hanging project build and application deployment processes running remotely on Kubernetes

Software Engineer I
June 2016 - April 2018 | Amazon.com, Tokyo, Japan

- Technologies Used: Java, AWS, Dynamo DB, JavaScript, JBehave, Selenium, HTML/CSS
- Launched pharmaceutical service in which Class 1 over-the-counter medicines can be bought on the Japanese marketplace[1]
- Created mobile and desktop versions of medical questionnaire page with front and backend validation
- Developed website for Amazon Prime Pets, a service which Amazon Prime members can receive subscriptions, discounted items, and product recommendations for their household pets

CONTACT

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[1] https://bit.ly/3RUZi6S

Software Engineer I

November 2015 - May 2016 | Wayfair Inc, Boston, USA

- Technologies Used: PHP, MySQL, Tungsten.js, HTML/CSS
- Graduated from Wayfair Labs, an intensive twelve-week engineering bootcamp onboarding program for new grads
- Automated Google Ads (formerly AdWords) marketing campaign with a daily scheduled SQL cron job that removes out-of-stock products advertised online

Software Engineer Intern

June 2014 - August 2014 | Apple Inc, California, USA

- Technologies Used: Java
- Used multi-threaded version of hierarchical clustering to categorize and prioritize failing test cases in Apple's online store

WORKSHOPS

Cocoa Camp

August 2013 | Apple Inc, California, USA

- Technologies Used: Objective-C
- Attended one week hackathon and demoed simple audio app for musicians to record, compose, and share music

Google BOLD Immersion

August 2012 | Google, California, USA

- Developed campaign with modest budget constraints to get small-to-medium-sized businesses online

EDUCATION

B.A. in Computer Science

August 2015

Cornell University, New York, USA

Study Abroad in Kyoto, Japan

April 2014

Doshisha University (KCJS), Kyoto, Japan

CERTIFICATIONS

Japanese Language Proficiency Test「JLPT」N2

August 2021

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