

鄭淵舟 (JOSEPH CHENG)

ANDROID AND MOBILE AUTOMATION ENGINEER

GitHub
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Technical

Android	React Native	Functional Reactive Programming
Javascript	Git / Perforce	Design Patterns

Experience Android, and Mobile Automation developer for 4 years working experience. Proficient in React Native Android, Functional Reactive Programming and Javascript

Mobiusbobs Android Developer 2015 to present

Trigger, a news aggregator app, developed by RxScala.

Family, a pet video social platform, developed by React Native Android, RxJS, and Redux/Elm like architecture.

Technical Environment RxScala, React Native Android, RxJS, Redux/Elm, Video Processing.

Trend Micro NodeJS Developer 2015

Designed embedded NodeJS server inside the Android, iOS, Windows and Mac application as cached and proxy server between the application and backend server. Support cross platform and improved the network overhead and dependency between the application and backend server.

Designed Node-Webkit based Windows and Mac application. Node-Webkit allows writing native desktop apps in HTML and JavaScript.

Technical Environment NodeJS, Node-Webkit.

Trend Micro Android Developer 2014

Architected and implemented a incoming call and SMS identification application.

Technical Environment Android.

Trend Micro Mobile Automation Testing Developer 2014

Proposed, designed and implemented a full solution of mobile automation: Jenkins, pull and build source code, -> Appium, run mobile UI automation testing, -> Robot framework, collect and send testing report to members.

Share and tutor mobile automation solution to all consumer departments.

Technical Environment Jenkins, Appium, Python, Robot framewrok.

Trend Micro Mobile Quality Assurance 2013 to 2014

Providing android and iOS application quality assurance.

Worked cohesively with other developers and team members to plan and design the application.

Deubgging and point the root cause of defect before developer handle the issue. Improved bug fixing time.

Reviewing source code of application to find the possible defect with developers.

Technical Environment Android testing, iOS testing.

Trend Micro Android Developer 2012 to 2013

Designed and implemented the common android library for backend server API. Accelerate product release cycle with common library.

Technical Environment Android.

Projects

Family family.today

Family is a video social platform, specifically for pets and animals. Rich and fun stickers and musics for you to create, share and discover amazing pet video stories!

Trigger Trigger is a video news reader for you to enjoy watching viral news with friends.

Password Manager directpass.com
Password Manager software manages all your website login IDs in one secure location, so you only need to remember one password.

NPA 165 Taiwan National Police
Agency 165 application identifies incoming call and SMS as scam call or SMS contains scam information or malicious link

Activities & Training

Design Patterns Study Group
Mobile RD/QA Study Group
Software/Advance Test Automation
Functional Programming Study Group

Education

Master of Computer Science 2010 to 2012
National Chiao Tung University, Hsinchu, Taiwan

Bachelor of Computer Science and Engineering 2006 to 2010
National Chung Hsing University, Taichung, Taiwan

