

Derek(Yuxuan) Du's Resume

Unit 2 1482 North Road
Clayton VIC 3168
Phone: 0470740625(M)
wuhanyou@hotmail.com

PROFESSIONAL EXPERIENCE

APR 2019 – Now

Application Developer

Spark Digital Agency Pty, Ltd, Melbourne Australia

- Created technical estimates based on client's requirements and needs.
- Provided professional suggestions on the platform, framework and backend technologies to achieve the development goal.
- Developed hybrid Android and IOS applications by using Ionic(Angular) and Flutter.
- Integrated project with different 3rd party services (e.g. Stripe, Twilio, Zoom API)
- Configured and managed App Store projects.
- Maintained and updated existing mobile applications.
- Added new features to the existing Apps according to client's requirements.
- Developed Websites by using Wordpress.
- Configured Google Firebase to deploy the real-time database, notification services and application analyse tools.
- Performed application testing tasks to ensure the performance, quality, and responsiveness of applications.

DEC 2018 – FEB 2019

Application Developer

LOC8 Pty, Ltd, Melbourne Australia

- Analysed, troubleshooted and debugged the existing mobile application to find out and
- Fixed the bugs and improved the performance the mobile application.
- Performed unit test and black/white box test for the newly developed functions and Worked with UX and UI designer to Improve the usability of the mobile application.
- Used Jira ticket system to report issues and record every task allocated to me.
- Developed new functions according to the UI design and users' requirements.

NOV 2017 – APR 2018

Application Developer

WITEC DESIGN Pty, Ltd, Melbourne Australia

- Work with the Android developing team to design and develop a commercial mobile application using Native Android.
- Deploy firebase authentication, real-time database and functions to build the back-end.
- Interact with different APIs such as google geocoding to achieve different goals.
- Ensure the performance, quality, and responsiveness of applications.
- Perform application testing tasks such as unit test to ensure the performance of the application

AUG 2017 – NOV 2017

Android Application Developer

Parking Bounty Co., Ltd, Melbourne Australia

- Managed the day-to-day activities of the engineering team within an Agile/Scrum environment
- Experience with source/version control software like GIT.
- Ensure the performance, quality, and responsiveness of applications.
- Collaborate with a team to define, design, and ship new features
- Knowledge of the open-source Android ecosystem and the libraries available for common tasks

2012 – 2014

Network Engineer

Yangtze Optical Technologies Co., Ltd, Wuhan, China

- FTTH/FTTB optical network planning.
- EPON and EOC network establishment, maintenance, troubleshooting and updating.
- Customer training.
- OLT, ONU equipment setup, management and troubleshooting.
- Technical document writing.
- Technical solution sharing.
- Maintain and update project documents.

EDUCATION

2015 - 2017

Master of Information Technology (First Class Honour)

Monash University, Caulfield

Major in IT

Highly Distinction average

2007 - 2011

Bachelor of Electronic Engineering

Central China Normal University

AWARDS and CERTIFICATES

- 2016 Cisco Certificated Network Professional (CCNP)
- 2015 Information Technology International Merit Scholarship, Monash University
- 2011 Outstanding Graduates, Central China Normal University
- 2009 Outstanding Student Leaders Award, Central China Normal University
- 2008 Outstanding Student Leaders Award, Central China Normal University

PROFESSIONAL SKILLS

- Programming Languages: Typescript, Javascript, Kotlin, Dart, Swift, Node.js, PHP.
- Programming Framework: Native Android, Flutter, Ionic, Angular, Native iOS
- Back-end Services: Google Firebase(Included Firebase function development), SQL database, RESTful service
- Software: VS code, Android Studio, Xcode, Git, Confluence, JIRA, Trello, FIGMA, Rive(for creating simple animation)

KEY STRENGTHS

Communication

- Can-do Spirit.
- Strong time management ability.
- Have a wealth of experiences on doing teamwork.
- Have experience on mentoring and reviewing peer's work.

Adaptability

- Adapt quickly when changing to a new working environment.
- Strong research skills to learn new tech.
- Always keen on learning new things and trying new tech.

Time Management

- Formulate timelines before starting a project in order to manage time properly.
- Have ability to expect delays caused by failure of high-risk projects.

Technical (referred in KEY AREAS OF EXPERTISE)

- Hybrid Mobile application development (Flutter and Ionic).
- Native Android App development.
- SPA/PWA development using Angular/Ionic.
- Website development using Wordpress and PHP.
- Data modelling.
- Deep understanding on OOP.
- Database creation, management and maintenance, including Firebase Firestore and relational database
- Familiar with Google Analytics, Firebase functions.
- Backend and 3rd party API integration.
- Have wealth experience with local storage, threading, async task programming.
- Familiar with version control tools such as Git and Bitbucket.

REFEREES

- Reference available on request