Felixqk.github.com

KUN QIAN

65-86110396 (Singapore)
felixqk@gmail.com

INDUSTRY EXPERIENCE

Senior Software Engineer   **Migme (Mig33)**   **Aug14 – Now/Singapore**

Advancing Android platform for Migme *(Accel Partners Backed; Funding: $35M; Users: 70M; Exit: IPO)*, a leading mobile-first social entertainment platform providing Blog, Chat, Virtual Gifts and Games services (-> play store)   *(Java/Android)*

Software Engineer (Android Lead)   **Bubble Motion (Bubbly)**   **Feb14 – Aug14/Singapore**

Responsible for Android Platform for Bubbly *(Sequoia Backed; Funding: $39M; Users: 40M; Exit: Acquired)*, a leader in mobile voice social networks and messaging for both feature and smart phones (-> play store).   *(Java/Android, Scala/Play)*

- Developed new bubbly Voice Blogging, Messaging, Billing, Gamification platforms (monthly releases using Agile);
- Improved app quality through performance monitoring & tuning, reduced 10x crash rate (5% -> 0.5% / session);
- Enhance extensibility & testability by modularize class design, separate biz logic, and remove circular dependency;
- Managed Android team and worked closely with Server, Product, QA, Marketing, Operation and Supporting teams;

Software Engineer (Full Stack)   **Global Enterprise Mobility Lab, HCL**   **Apr12 – Jan14/Singapore**

Full stack developer and innovator in the Mobility lab of HCL *(No.4 largest IT company in India)*; Received top annual performance review (9.3/10) by performing duties in two aspects:

- *High Performance Application Development*   *(Java/Android/Play framework)*
  - o Lead Android Developer in redesigning ScanDelight (-> play store), a ecommerce App for SingPost in a team of 7;
  - o Rebuild the architecture and systems, Web Service API and data synchronization strategy; optimized database; improved memory usage; boosted page loading via threading and caching; achieved *400%* performance gain;
  - o Refactored code base to better follow *MVC* and *OO* design pattern; reduced *2/3* codes and enhanced extensibility;
- *Lean Product Development (MVP)*   *(Android, Windows8, JS, RoR/Node/AWS, Hadoop)*
  - o Identified strategic portfolios for HCL and global customers, leveraging *SMAC (Social, Mobile, Analytic, Cloud)* technology and delivered 3 innovative Mobile CRM, Task Management and Payment MVP products;

Co-Founder (Dev / UX / Product)   **GroupCells Pte Ltd**   **Jan11 – Jan12/Singapore**

Created an interests and location aware mobile Social Network (-> play store) for strangers to establish instant connection group; Developed two products: Groupcells for sharing pictures and for making business connection;   *(Java/Android)*

- Worked in a team of 5 developers; developed the grouping algorithm and mobile interface; created business plan;
- Achieved finalist (Top 10) in *SingTel i.Challenge 2011* Startup Competition; Reported by *TechCrunch*, *TechNode* etc;

RESEARCH EXPERIENCE

Graduate Researcher   **Human Computer Interaction Lab, NUS/UOM**   **Feb09 – Jan11/Singapore, Canada**
- *Intelligent UX:* Researched in providing intelligent services and user experience by converging *HCI* and *Machine Learning* technologies; Implemented 3 innovative systems on *mobile, web* and *robotic* platforms.   *(Java/Android, C#/WPF)*

Research Intern   **Media Computing & Web Intelligence Lab, Fudan**   **Sep07 – Jul08/China**
- *High Dimensional Data Processing*: Developed a cluster-based ensemble semi-supervised learning algorithms for high dimensional image classification; achieved 16.31% more accuracy then *SVM* on Geo-Sensing Data;   *(C++)*

SKILLS

- **Mobile/Frontend:**   **Java/Android (Expert)**, C#/Windows8, JavaScript/jQMobile/Bootstrap/PhoneGap, Obj-C/iOS
- **Web/Backend:**   Java/Scala/Play Framework, Ruby on Rails, JavaScript/NodeJS/Express, Parse, C++, AWS/Heroku
- **Data/Analytics**:   SQL/SQLite/MySQL, NOSQL/MongoDB, Big Data/Hadoop, Flurry/Crashlytics/Google Analytics
- **Dev/Process/Tools:**   UI/UX/Product, Agile/Scrum/Lean, IntelliJ, GitHub/SourceTree, Maven/Nexus, Jenkins/Sonar

EDUCATION

M.SC in Computer Science   **National University of Singapore (NUS)**   **Aug08 – Jun12/Singapore**
- GPA: 4.56/5, Top 5%, Specialized in *Human Computer Interaction*, Full PHD Scholarship

Double Bachelor Degree   **Fudan University**   **Sep04 – Jul08/China**
- B.S in Computer Science and B.B.A in Accountancy. GPA: 3.4/4, Top 10%, Specialized in *Machine Learning*

Honor & Awards: Outstanding Leader (1%), Top Ten of School of Information (1%), Outstanding Graduates (1%)