

DARAN ZHANG

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SOFTWARE, WEB, & APPLICATION DESIGNER

Goal-oriented and highly-motivated professional with international exposure to creative problem solving, project management, and team collaboration. Experienced **Full Stack Developer with specialization in back-end development processes**. Outstanding interpersonal and communication skills leveraged to partner with cross-functional teams on the planning, architecture, and deployment of innovative technologies to achieve design and functionality goals. United States resident with valid Green Card; no sponsorship required.

CORE COMPETENCIES

- Testing & Troubleshooting
- Application Infrastructure
- Website & Content Creation
- Programming & Coding
- API Protocols / Design
- Bilingual Fluency English & Chinese
- Design Life Cycle (SDLC)
- Planning & Diagramming
- Project Implementations

PROFESSIONAL EXPERIENCE

BACKEND DEVELOPER

Pusic ✦ 8/2017 to 11/2017 (*ended employment to relocate to United States*)

* Selected achievements

- Translated business needs to document and communicate technical requirements and implement the functions to integrate front-end content and graphics for an emerging news feed application.
- Designed and implemented 'breaking news' internal API feature coupled with a content management system.
- Solved timeline cover image fault positioning by creating new RPC service with a 3rd-party facial recognition library and allowing the service to process over 100K pictures per day by applying multi process structure.

FULL STACK DEVELOPER

Pacer Health ✦ 8/2016 to 8/2017

* Selected achievements

- Planned, tested, rolled out, and analyzed website front and back-end development processes while troubleshooting issues, identifying opportunities, and resolving problems for iOS, Android teams.
- Installed alarms via *AWS CloudWatch* and performed usability testing via 3rd-party platform to maintain 99.9% functionality of website while enhancements and coding changes were implemented.
- Shortened 31% loading time of integrated single-page APP by setting benchmarks and optimizing static files, CDN content compression, and local cache tools.

BACKEND DEVELOPER

11BNB ✦ 1/2016 to 8/2016

* Selected achievements

- Liaised with accounting executives to design and execute new bookkeeping software features that streamlined multiple processes and enabled daily profit/loss performance reporting.

EDUCATION AND TRAINING

Master of Information Technology, 2015

University of New South Wales (UNSW), Sydney, Australia

Bachelor of Mathematics and Economics, 2012

University of Colorado, Boulder, Colorado

TECHNICAL SKILLS

PROGRAMMING

DATABASES

SOURCE CODE MANAGEMENT

SYSTEMS

- Python, JavaScript, Java, C++, C, SQL, BASH, HTML, CSS
- MySQL, DynamoDB, MongoDB
- Git
- Linux