

Pengfei Tan

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Github: <https://github.com/tanpf5>
Available: **May - Aug 2016**

EDUCATION

Northeastern University, Boston, MA Expected graduation: Dec 2016
College of Computer and Information Science Sep 2014 - Present
Candidate for a Master of Science in Computer Science GPA: 4.0/4.0
Related Courses: Programming Design Paradigm, Database Management Systems,
Algorithms, Web Development, Artificial Intelligence

Shanghai Jiao Tong University, Shanghai, China
College of Software Sep 2010 - Jun 2014
Bachelor's Degree in Software Engineering
Related Courses: Data Structures, Algorithm, Database, Operating Systems,
Computer Networks, Principle and Technology of Compiler
Awards: Merit Student of Shanghai Jiao Tong University

TECHNICAL KNOWLEDGE

Languages: Java, Objective-C, Python, C/C++, C#, Racket
Systems: Mac OS, Window, Linux
Software: Xcode, Microsoft Visual Studio, Eclipse, Android Studio, PyCharm
Database: MySQL, MongoDB
Web technologies: HTML, CSS, JavaScript, jQuery, AngularJS, Node.js, ASP.NET

WORK EXPERIENCE

Schepens Eye Research Institute, Massachusetts Eye and Ear, Boston, MA
Software Development Engineer Intern May 2015 - Present

- Developed a cardboard-based magnifier iOS app called SuperVision+ Goggles, which is a low cost vision assistance solution for visually impaired
- Maintained and added new features in SuperVision+ Magnifier, a tens of thousands users app
- Developed an Android app using on tachograph to collect GPS and accelerometer data

ACADEMIC PROJECTS

Northeastern University, Boston, MA
Online Meal Ordering System Nov 2014

- Implemented a website by MVC model
- Designed a database and used DAO method to access data
- Used mysql, html, servlet

Shanghai Jiao Tong University, Shanghai, China
Queuing System of QR Code for Android Platform Jun 2013

- Designed a way to queue via cellphone scanning on the QR code
- Implemented functionalities like checking current queue position, requeuing and reminding the coming turns remotely
- Increased the convenience and flexibility of queueing