

# Pengfei Tan

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

## EDUCATION

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**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

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**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

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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 PROJECT

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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