

# 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: Algorithms, Database Management, Mobile Development,  
Web Development, Artificial Intelligence, Information Retrieval

**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#, HTML, CSS, JavaScript, Racket  
**Tools:** Xcode, Microsoft Visual Studio, Eclipse, Android Studio, PyCharm, MySQL  
**Systems:** Mac OS, Window, Linux

## WORK EXPERIENCE

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Northeastern University, Boston, MA  
**Graduate Teaching Assistant - CS5200 Database** Jan 2016 - Present

- Holding weekly office hours for doubt solving and helping students in assignments and projects
- Grading assignments, projects and exams for students

Schepens Eye Research Institute, Massachusetts Eye and Ear, Harvard Medical School, Boston, MA  
**Software Development Engineer Intern** May 2015 - Dec 2015

- Developed a cardboard-based magnifier iOS app called SuperVision+ Goggles, a low-cost vision assistance solution for the visually impaired
- Added new features in SuperVision+ Magnifier, an app with more than twenty thousand users
- Developed an Android app using on a device that collects GPS and accelerometer data for drivers

## ACADEMIC PROJECT

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**Web Development Project**, Northeastern University Jan 2015 - Apr 2015

- Built a personal website by implementing homepage, web technology tests and soccer fan project

**Online Meal Ordering System**, Northeastern University Sep 2014 - Nov 2014

- Developed a MVC-based meal ordering website by using mysql accessed by DAO as Model, html as View and servlet as Controller

**Queuing System of QR Code for Android Platform**, Shanghai Jiao Tong University Mar 2013 - 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