*Ph.D.*

# MEIYING QIN

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## EDUCATION

Expected May 2022 Ph.D, Comptuer Science, Yale University - In Progress
Social Robotics Lab, Supervisor: Professor Brian Scassellati

May 2016 Bachelor of Science, University of Toronto
Computer Science Major, Psychology Major, Mathematics Minor

May 2010 Bachelor of Science, Peking University
Life Science Program

## TECHNICAL SKILLS

| | |
|---|---|
| Languages | Python, C/C++, Java |
| Operating Systems | Windows, Linux, ROS |
| Applications | Eclipse, Visual Studio, PyCharm, Matlab, Git, Subversion, SPSS, Adobe Premiere, Adobe Acrobat, Microsoft Office |
| Libraries | OpenCV, Qt, Pygame, NumPy, Pydub |

## COMPUTER SCIENCE INDUSTRY EXPERIENCE

09/2014 - 08/2015 Application Software Developer - Student, BlackBerry, Full time Internship

Project 1: Priv, Implement new feature
- Language: Android
- Designed and implemented new feature to set and launch app when user plug in headset or HDMI cable on a per user basis

Project 2: BB10, Bug fixing and design for screen reader for accessbility:
- Language: Python
- Designed and implemented new gesture for text selection/navigation/editing
- Designed and implemented new behaviour for ListView
- Fixed reported bugs in code

Project 3: BB10, Bug fixing for core apps and service:
- Language: C++ and Cascades
- Resolved issues found in code in power saving mode
- Resolved issues with the NFC software for scan and write to NFC cards
- Resolved issues with the service for handling long presses on

## SELECTED COMPUTER SCIENCE PROJECTS

09/2016 - present Social Robotics Lab, Yale University
- Supervisor: Professor Brian Scassellati

09/2015 - 08/2016 Zebrafish Tracker Application, University of Toronto
- Supervisor: Professor Arnold Rosenbloom and Professor Robert Gerlai
- Key concept: Computer vision, Machine Learning, Modelling
- Language: C++, Qt, OpenCV
- Designed and implemented new software to be used for live/video tracking zebrafish behaviour
- Programmatically analyzed the data obtained from tracking
- Programmatically linked to Zebrafish Presenter to present different stimulus dependent on the behavior of the subject fish

09/2012 - 12/2013 Stimulus Presentation Application for the Gerlai Zebrafish Genetic Behaviour Lab, University of Toronto
- Language: VB.Net