Meng Du

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EDUCATION

University of Michigan, Ann Arbor **Sep. 2013 – Dec. 2015**
Bachelor of Science (with Honors) GPA 3.5/4.0
Major in *Computer Science* and *Biopsychology, Cognition, Neuroscience* (*BCN*)

University of Minnesota, Twin Cities **Sep. 2012 – May 2013**
Study Abroad Program GPA 4.0/4.0
2012 Fall Study Abroad Foundation Scholarship recipient

Beijing Normal University (Transferred) **Sep. 2010 – July 2012**
School of Psychology GPA 85/100

COURSE HIGHLIGHTS

Operating Systems
Adv. Object Oriented Programming
Computer Security
Machine Learning
Mobile App Development
Artificial Intelligence
Theory of Neural Computation
Data Mining

EXPERIENCE

Undergraduate Research Assistant **Sep. 2013 – Present**
Dr. Shinobu Kitayama's lab, Department of Psychology, University of Michigan
- Designed and built a website independently with HTML/CSS/JavaScript and the Parse cloud database, which allows online data collection of social network graphs drawn by participants; analyzing the graphs with OpenCV.
- Coordinating with researchers and participants in Asian on a large-scale research on gene and cultural difference; translated questionnaires to Chinese, managing the progress and payments, and analyzing the behavioral and gene data.

Software Engineering Intern **May 2015 – Aug. 2015**
LiveRamp (acquired by Acxiom Co.)
- Developed cross-team APIs using the Apache Thrift framework for a Java back-end workflow, and improved the corresponding Ruby on Rails front-end to use the APIs for higher usability and better error-checking.
- Investigated the Java code base and developed bash/Cascading scripts to automatically diagnose errors of zero output.
- Built a chrome extension for easy knowledge base access, which won the best hackathon project for people.

Software Engineering Intern **Jan. 2015 – Apr. 2015**
Deque Systems, Inc.
- Assisted with the development and testing of an XCode plugin to help users to create iOS apps with better accessibility.
- Developed test cases for an instructional iOS app "Accessibility 101" and helped with maintenance of documentation.

Programmer **May. 2014 – Dec. 2014**
MiWorkspace Windows team, University of Michigan Information and Technology Services
- Accelerated automated software deployment with Windows command line scripts and PowerShell.
- Collaborated with the Windows team on testing and trouble-shooting of applications, as well as system administration.

Publicity Chair **Sep. 2011 – June 2012**
School of Psychology Student Union; Psychological Health Association, Beijing Normal University
- Led a team to design posters and other publicity materials for university-wide and intercollegiate student activities.
- Gave talks on graphic design skills, managed and allocated works to members, and participated in event planning.

PROJECT EXPERIENCE

Project: Pigment Incubator – A Web App Designed for Artists **Aug. 2015 – Present**
- Collaborating with a start-up team of 6 people to build a professional network for artists with art news and competitions.
- Designing and implementing the front-end framework in AngularJS and the user interface in HTML/CSS/Javascript, as well as the communication with back-end server in REST API.

Project: Evento (An Android App for Easy Event Detecting and Sharing) **Sep. 2014 – Dec. 2014**
- Employed OCR technology to automatically parse events from photo of flyers to organized calendar information.
- Utilized cloud database to manage the event data and enable easy browsing and sharing of events.

SKILLS

- Advanced skills in C/C++, Java, Python, HTML/CSS. Intermediate skills in Javascript/JQuery/AngularJS, Ruby on Rails, Objective-C, relational databases, Matlab, etc.
- Proficiency with object-oriented programming and design patterns, and development in both Linux/Unix and Windows.