Brandon Dang

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EDUCATION

The University of Texas at Austin, Austin TX   **Aug 2013 - May 2018**
- Bachelor of Science in Computer Science, 3.37
- Master of Science in Information Studies

TECHNICAL SKILLS

Languages: *Proficient in:*   Java, JavaScript/ES6, HTML, CSS
                          Experience in: JavaEE, SQL, Python
Other: Amazon Mechanical Turk, AWS, Node.js/npm, jQuery, REST/Ajax, Git, Unix/Linux

WORK EXPERIENCE

Amazon, *Software Development Engineer Intern*   **May 2017 - Present**
- Developed an internal Java application and corresponding Alexa skill to help auto-monitor trouble tickets and reduce the on-call's workload

USAA, *Employee Mobile Applications Intern*   **May - Aug 2016**
- Developed an internal hybrid mobile application using Ionic, Node.js, and AngularJS to help users organize meetings and events

IBM, *Cloud Infrastructure Intern*   **Sep 2015 - Jan 2016**
- Racked and cabled servers and switches and installed hardware components and operating systems to help set up a new cloud computing center

Pearson, *Software Development Intern*   **Jun - Aug 2015**
- Developed internal web applications in Node.js and Meteor to test the main product and allow authorized users to upload, share, and view log files

Intertek, *Information Systems Intern*   **May - Aug 2014**
- Wrote Excel VBA macros to manipulate data to be exported in reports to customers

RESEARCH

University of Texas, *Undergraduate Research Assistant*   **Jan 2016 - Jan 2017**
- Explored the topics of crowdsourcing and human-computer interaction
- Developed a crowdsourcing framework for creating tasks that record crowd worker interactions on the front-end (https://github.com/CuriousG102/turkey)
- WIP paper accepted to HCOMP 2016 and posted to arXiv (ID# 1609.00945)

PROJECTS

Exploring the use of deep learning with crowdsourcing to annotate images   **Mar 2017 - Present**
- Investigated how pre-labeling images using deep learning algorithms affects annotator performance and crowdsourcing costs when creating new image datasets for computer vision

ESMTurk: Unconventionally recruiting crowdworkers for experience sampling   **Mar - May 2017**
- Designed and conducted a mobile experience sampling experiment with online crowdworkers as unconventional participants

Investigating bias of news sources using word embeddings   **Oct - Dec 2016**
- Compiled source-specific datasets from multiple corpora and trained *word2vec* on each to investigate and compare the gender biases of different news sources

COMMUNITY AND LEADERSHIP

TDDT (Texas Dragon/Lion Dance Team), Treasurer   **Sep 2013 - Present**
- Traditional Chinese/Asian lion and dragon dancing for various cultural and charity events

Eagle Scout Mentor Award   **Aug 2015**
- Awarded by a scout to a person who played an instrumental role in helping him achieve his Eagle rank