

Andy Vuong

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EDUCATION

University of Illinois at Urbana-Champaign

College of Engineering: **B.S. Computer Science (May 2017)**

Coursework: Intro to CS, Discrete Structures, Data Structures, Computer Architecture, Systems Programming, Text Information Systems (Sp'15), Database Systems (Sp'15), Numerical Methods (Sp'15)

SKILLS

Languages: **Confident** - {Java} **Familiar** - {C++, C, Python, JavaScript, HTML, CSS, SQL}

Technology: Apache Solr, Elasticsearch, MongoDB, Node.js, Linux

EXPERIENCE

John Deere - IT Intern, Solution Architecture Team

June 2014 - present

- Delivered proof of concepts related to search best practices using open source software such as Apache Solr.
- Built a full interface search application with Apache Solr at its core.
- Wrote technical documentation on work processes including setting up search, relevancy testing methods, and setting up work environments.
- Part-time student during the fall semester building proof of concepts for OCR support in Apache Solr, integrated through Apache Tika and Tesseract OCR.

University of Illinois - Research Assistant

March 2014 - September 2014

- Assisted Ph.D computer science candidate in a human-based study exploring Facebook News Feed curation algorithms and their effects using an application called FeedVis.
- Utilized the research method of open coding to formulate new concepts and theories related to the effects of social media's invisible algorithms.
- Co-author on academic conference paper submitted for SIGCHI 2015.

Northwestern University Law School - Computer Technician

June 2013 - August 2013

- Single-handedly deployed new computers to three school departments.
- Supported faculty and staff with technical problems. This included answering help support tickets, troubleshooting software and malware removal.

PROJECTS

Grammatica - WildHacks Hackathon Project

- A NLP web application built on the M.E.A.N. stack integrated with IBM's Bluemix.

Code Texters - Boilermake Hackathon Project

- SMS based application that sends users programming related questions through.

Flick - IEEE@UIUC Hackathon Project

- An Android app that allows users to share mobile browser pages with a Chrome extension.

Watch Tower

- An Android app that allows users to share geographical location with private networks.

Minesweeper

- Minesweeper as a java application built with Java Swing.

ACTIVITIES/ACHIEVEMENTS

Association of Computer Machinery (ACM): Webmonkeys, SIGCHI

University of Illinois at Urbana-Champaign - James Scholar