

# Kuong Tran

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## EDUCATION

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### University of Michigan – Ann Arbor

August 2013 – April 2017

B.S in Computer Science | B.S in Economics

- Cumulative GPA: 3.477
  - Economics GPA: 3.54 | Computer Science GPA: 3.35
- University Honors: Fall 2013, Fall 2014, Fall 2015, Winter 2016, Winter 2017

#### Coursework:

EECS 376 – Foundations of Computer Science

EECS 482 – Introduction to Operating Systems

EECS 388 – Introduction to Computer Security

EECS 484 – Database Management Systems

EECS 481 – Software Engineering

EECS 485 – Web Database and Info Systems

## SKILLS

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**Proficient:** C++, Python, SQL, Git

**Intermediate:** Bash, Java, JavaScript, jQuery, AngularJS, HTML5, CSS3, Flask, Jinja, Bootstrap

**Familiar:** Scala, Node.js, Express

Worked with MySQL, MongoDB, PostgreSQL, Greenplum, HDFS, Hive, AWS, Yotta

## EXPERIENCE

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### Conversant

June 2017 – Present

*Big Data Apprentice*

Part of a rotation program cycling through three big data related teams:

- Marketplace: use SQL and python to ingest data from clients to use and store in our warehouse
- Pipeline: updated Java code to modularize and ease the creation of automated jobs for transforming data, updated Scala code of company created utility frameworks, created shell script for running multiple data aggregations
- Data Warehouse: worked on creating python script utilities for moving data between HDFS and Greenplum database, worked on updating tables, analyzed runtime efficiencies of queries

### EECS 376 – Foundations of Computer Science

September 2016 – December 2016

*Grader*

- Graded the homework assignments of students, providing feedback on what areas of logic in a solution were incorrect to help improve students' understanding of the material

### University of Michigan Institute for Social Research

May 2016 – October 2016

*Lead Research Assistant*

- Assistant for the Longitudinal Intergenerational Family Electronic Micro-dataset Project
- Analyzed and trained data to help create a micro-database representing a variety of data in the U.S allowing the study of economic and geographic mobility and family formation in the 1900s
- Trained new hires, set up their directories and environments for training data

### H & L Tool Company Inc.

May 2014 – August 2014

*Data Processor*

- Began designing an app to aid in inventory management, maintenance, and inspection
- Entered data to help the company switch from a file to a database focused design, this helped allow for auditing, TS certification, and would help bring more future business for the company

## Activities

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**Griffith Tutoring:** Helped at risk high school students in Chicago improve their SAT scores