**KAIXIANG HUANG**

1115 W. 30th St. Los Angeles, CA • (323)745-9861 • kaixianh@usc.edu

**EDUCATION**

Champaign, IL

Aug 2013- May 2017

**University of Illinois at Urbana-Champaign (GPA 3.5)**

*Bachelor of Science in Material Science and Engineering*

*With Business Minor*

Los Angeles, CA

Aug 2017- Present

**University of Southern California (GPA 3.6)**

*Master of Science in Engineering Management*

**SKILLS                                                                                                                                       Computer:** Python, R, SQL, SQLite, Excel, VBA, MS Project, SolidWork

**Relevant Course**

Management Decisions & Statistics, Statistical Computing and Data Visualization, Introduction to Data Science in Python, Introduction to Databases & Application of SQL, Introduction to VBA Programming

**EXPERIENCE**

**John Rogers’ Research Group at Materials Research Laboratory**

Champaign, IL

Mar 2016 – Mar 2017

***Group Member***

* Participate in group project related to 3D assembly technology, performing photolithography and

etching.

* One-year experience with Nano-fabrication technique, familiar with lab operations.
* Independently responsible for drawing 3D images on Solidwork.

**Autoclub at the University of Illinois at Urbana-Champaign**

Champaign, IL

2015 – 2017

***Analyst Assistant***

* Conduct database searches to identify car makes, models, and features that are consistent with customer requirement
* Generate data reports and present clients with our reasoning of the recommendations.
* Assist with Autoclub membership activities such as shooting events, BBQ dinners, etc.

**PROJECTS**

**TPC-H Benchmark SQL Query** (https://github.com/hkxxswz8/SQL-TPCH.git)

* Download industrial data from TPC-H data generator on Ubuntu.
* Understang TPC-H Benchmark queries that can optimize business decisions using SELECT, FROM, WHERE, GROUPBY, ORDERBY etc.

**Data Visualization of Car Accidents in UK** (https://github.com/hkxxswz8/UK-Car-Accidents-2014-2016.git)

* Perform data visualization and gain interesting insights from the data using R programming.

**ACTIVITIES**

**Floor Lovers Illinois & Imagination Crew**

***Artistic Director and Active Member***

* Meet with club members weekly to foster an appreciation of breakdancing and bring like-minded people together
* Train new members and introduce our hip-hop community and spirit to them
* Plan more than 10 performances for on-campus events with more than 800 audiences