

## Li-Kai (Kevin) Chi

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## Internship/Research Qualifications

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### Data Analysis

- Data visualization using D3.js
- Data analysis using Python
- Experienced with Apache Storm and Apache Hadoop
- Experienced with retrieving data from API's

### Software Development

- Ability to write structural and extensive computer softwares in Python, Java, and C

### Web Development

• Experienced with constructing static and dynamic databased website with Django, Jekyll, Heroku, Amazon S3, HTML, CSS, and Javascript

### Other Technical Skills

- Experienced with Git and Github version control
- Experienced with VHDL, Verilog and ModelSim
- Proficiency in written and spoken Chinese and English and capacity to use bilingual abilities in technical settings and conversational in Spanish.

## Computer Science, Electrical and Computer Engineering Studies

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UNIVERSITY OF ROCHESTER

Rochester, NY

**Bachelor of Science in Data Science**

**Anticipated May 2017**

**Minor in Electrical and Computer Engineering**

- GPA 3.70 and Dean's List 3 of 4 semesters

## University Technical Courses

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- **Courses next semester:** Computation & Formal System, Web Programming, Programming Language Design & Implementation, Design & Analysis Efficient Algorithm, Communicating Your Professional Identity
- **Courses taken:** Artificial Intelligence, Computer Organization, The Science of Data Structure, Introduction to C/C++ Programming, Logic Design, Multidimensional Calculus, Linear Algebra with Differential Equations, Discrete Mathematics

## Independent Projects, Internships, and Leadership

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### INDEPENDENT PROJECTS

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|---|---------------------------|
| • Taiwan Statistics Website (real.taiwanstat.com)   | April 2015 - Present      |
| Using Python to analyze data and D3.js to perform website data visualization                                  |                           |
| • D3.js Mandarin Guide (www.d3mandarin.com)   | April 2015 - Present      |
| Using Jekyll to build a ebook to teach mandarin readers how to use D3.js to perform data visualization        |                           |
| • UR Textbook Exchange Website (www.urtextbook.com)   | December 2014 - June 2015 |
| Built a dynamic databased website using Django to help student exchange textbooks between each other          |                           |
| • URevents Project (URL currently inactive)   | June 2014 - November 2014 |
| Built a dynamic databased website using Django to notify students about on and off campus events in Rochester |                           |

### INTERSHIPS

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|---|---------------------|
| • Taiwan Academia Sinica  | July 2015 - Present |
| Developing Intelligence Active Storage Service project, a data monitor middleware, for natural disaster alert softwares |                     |

### LEADERSHIP - UNIVERSITY OF ROCHESTER

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|--|---------------------------|
| • Chinese Student Association - Business Manager | September 2014 - May 2015 |
| • Hall Council - Vice President of Finance       | September 2013 - May 2014 |
| • Model United Nations - Business Manager        | September 2013 - May 2014 |