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Internship/Research Qualifications

Data Analysis

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

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 English and Chinese in technical settings

Computer Science, Electrical and Computer Engineering Studies

UNIVERSITY OF ROCHESTER

Bachelor of Science in Data Science

Minor in Electrical and Computer Engineering

Rochester, NY

Anticipated May 2017

University Technical Courses

- **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

INDEPENDENT PROJECTS

- 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

- 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

- 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