David Yunxin Zhang

Software Developer

(217) 721-5700 | [yzhng223@illinois.edu](mailto:yzhng223@illinois.edu%20) | [yx-z.cf](http://yx-z.cf/) “*Fortunately*, life is never easy.”

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| Education |  | **University of Illinois at Urbana Champaign**   * Cumulative GPA: 4.0/4.0 * James Scholar Honor   **B.S. in Mathematics and Computer Science:** 2015 – 2019   * Data Structures, Algorithms, Discrete Math, Computer Architecture   Minor in Business: 2016 – 2018   * Microeconomics, Statistics with R Programing |
| Work |  | **Undergraduate Researcher in Math Department：**Since Aug, 2016   * perform computerized research in number theories * design tests in JavaScript to detect fake randomness: [fakerandom.cf](http://fakerandom.cf/) * create weather forecast app with R and python based solely on past data   **CS Course Assistant：**Spring and Fall Semester, 2016   * organize lab and discussion sections for students * hold office hours and answer questions online * practice pedagogy, cooperation and communication |
| Project |  | Project Euler**:** Fall 2015 - Now  Project Euler is a collection of challenging math problems that also requires coding. So far, I have successfully solved about 70+ problems and posted my thoughts and source codes in Github. I enjoy these math challenges for the happiness of accomplishment and new knowledge I learned in math.  **What2Wear****:** Fall 2015  What2Wear is a group project for Web and Android that helps people decide what to wear based on weather and personal preferences. I constructed the front-end of the webpage with Bootstrap, designed UI and coded for the Android app.  **Github:** Spring 2015 - Now  Code for fun and keep learning! I maintained a notebook in Markdown and LaTex, created a web crawler with JSoup to get information about local restaurants, and built several games with JavaScript for entertainment. |
| Skill |  | **Programming:**  Familiar: Java SE, Android Development  Experience: Java EE/Web, HTML/CSS/JavaScript, MySQL, Kotlin, R, C++, Python  **Tool****:**  Familiar: Vim, Zsh, Git, IntelliJ IDEA, Tomcat, Photoshop, LaTex  **Personal:**  Experience: Rubik’s Cube, Sudoku |