

DAVID YUNXIN ZHANG

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EDUCATION

University of Illinois at Urbana-Champaign

Aug 2015 - May 2019

· Bachelor of Science in Mathematics and Computer Science

GPA: 4.0/4.0

POSITIONS

Yahoo!

May 2018 - Aug 2018

Data Engineer Intern

- worked in the **Data Highway** team that facilitates petabytes of big data transportation
- designed and implemented a web service with **Jetty** and **Redis** that reports event counts and data loss

Cyber Physical Systems Integration Lab

Jan 2017 - May 2018

Research Assistant

- integrated Epic API to get medical data with fluent interface and parsed XML responses with **JAXB**
- performed GUI tests with **Ranorex** automation and wrote detailed documentation in **codeBeamer**

EnterpriseWorks — Research Park

May 2017 - Oct 2017

Web Developer

- maintained **Salesforce** database, and constructed web applications with **Visualforce** and **Apex**
- developed and deployed over 10 websites for startup companies with **Bootstrap**, **jQuery**, and **d3.js**

PROJECTS

Cornfield Coders Group

Feb 2017 - Present

- **founding member** of the Registered Student Organization
- take projects from companies and departments within the university and **lead** group members to work on them
- visualized multi-layered geologic data in 3D with **plotly.js**

Weather Forecast Analysis

Sep 2016 - May 2017

- collected 10 GB of weather data automatically in **Python** and **Shell Script** with **Cron** for 4000 locations
- built climatology, persistence, multiple linear regression and other statistical models with **R**
- created interactive climate maps with Google **Fusion Tables** for data visualization

SKILLS

Programming Languages

- Java (Functional, Stream API and Design Patterns), Kotlin, HTML, CSS, JavaScript, Python, SQL, C, C++

Development Tools

- IntelliJ IDEA (and JetBrains Platform), Vim, Git, Linux, SVN, Android Studio, Eclipse, L^AT_EX

HONORS

- Honorable Mention (top 20% of all participants)
- Outstanding Poster (top 15% of 300 projects)
- Dean's List (top 20% GPA ranking)
- James Scholar

The Mathematical Contest in Modeling, *Apr 2017*

Joint Math Meeting, *Jan 2017*

College of Liberal Arts and Sciences, *Dec 2016*

College of Liberal Arts and Sciences, *Jan 2016*