YUNXIN (DAVID) ZHANG

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EDUCATION

Cornell University   *Aug 2019 - May 2020*

- Master of Engineering in Computer Science

University of Illinois at Urbana-Champaign   *Aug 2015 - May 2019*

- Bachelor of Science in Mathematics and Computer Science

PROFESSIONAL EXPERIENCES

Verizon Media (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.
- Deployed the web service to multiple hosts in different geolocations with **Chef** automation platform.

PROJECTS

Weather Forecast Analysis   *Sep 2016 - May 2017*

- Collected 10 GB of weather data automatically in **Python** and **Shell Script** with **Cron** for over 4000 locations.
- Built **Climatology, Multiple Linear Regression** and other statistical models in **R** programming language.
- Created interactive climate maps with **heatmap.js** and Google **Fusion Tables** for data visualization.

Cornfield Coders Group   *Feb 2017 - Sep 2017*

- Joined as a **founding member** of the Registered Student Organization
- Took projects from companies and departments within the university and **led** group members to work on them.
- Visualized multi-layered 3D geological data in browsers with **plotly.js**.

HONORS

- The Bronze Tablet (top 3% GPA of all graduates)   University of Illinois at Urbana-Champaign, *May 2019*
- Honorable Mention (top 20% of all participants)   The Mathematical Contest in Modeling, *Apr 2017*
- Outstanding Poster (top 15% of 300 poster presentations)   Joint Mathematics Meetings, *Jan 2017*

SKILLS

Programming Languages

- Java, Kotlin, Python, R, C, C++, HTML, CSS, JavaScript, Haskell, SQL

Development Tools

- IntelliJ IDEA, Git, Vim, Android Studio, Unix, Subversion, LaTeX, Markdown