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

· Minor in Statistics

POSITIONS

Product Labs   Salt Lake City, UT

Software Enginner   *Oct 2017 - Present*

· build a SaaS platform with **Amazon Marketplace Web Service** to help e-commerce businesses grow

· collect, analyze, and visualize sales data for clients with **MySQL**, **PHP** and **Highcharts**

Cyber Physical Systems Integration Lab   Champaign, IL

Research Assistant   *Jan 2017 - Present*

· perform GUI tests with **Ranorex** automation and write detailed documentation in **codeBeamer**

· reduced boot time for a Heart Transplant System in **Java Swing** by optimizing caching mechanism

EnterpriseWorks — Research Park   Champaign, IL

Web Developer   *May 2017 - Oct 2017*

· 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**

EXPERIENCE

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, LaTeX

HONOR

· Honorable Mention (top 20% of all participants)   The Mathematical Contest in Modeling, *Apr 2017*

· Outstanding Poster (top 15% of 300 projects)   Joint Math Meeting, *Jan 2017*

· Dean's List (top 20% GPA ranking)   College of Liberal Arts and Sciences, *Dec 2016*

· James Scholar   College of Liberal Arts and Sciences, *Jan 2016*