QILAN (KYRA) ZHANG

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EDUCATION

University of Illinois, Urbana-Champaign — *May 2020*
Computer Science and Statistics — GPA: 3.90 / 4.00

Hohai University — *September 2015 - July 2017*
Industrial Design — GPA: 4.88 / 5.00
Awards: National Scholarship for the academic year of 2015-2016

SKILLS

Programming Languages	Java, C++, Python, JavaScript, HTML, CSS, C, R, Haskell
Technical Strength	Website development, Android development, Database system
Others	Linux, React, Docker, Git/SVN, MySQL/MongoDB/Neo4j, Latex

RELATED COURSES

Art and Science of Web Programming (CS498)	Operating System(CS241)
Database Systems (CS411)	Computer Architecture (CS233)
Algorithm and Computational Model (CS374)	Data Structures (CS225)

WORK EXPERIENCE

Website developer — *January 2019 - May 2019*
College of Education at UIUC

· Updated the existing website to make it more interactive and user-friendly
· Accomplished detailed programming tasks of full-stack websites

Research Assistant — *March 2019 - Present*
Uganda Literacy Project, College of Economics at UIUC

· Performed data cleaning and normalization
· Visualized data with Tableau and React

PROJECTS

Next APT http://sublease.s3-website-us-west-2.amazonaws.com/
React, MongoDB, Node.js, Express, AWS

· Built an online platform for users to look for apartments with 4 developers
· Created user React components which enabled authentication
· Created user profile web page, sign in/up modals, and make new post modal
· Designed and implemented the RESTful Api with Node.js, Express, and Mongoose
· Deployed the website on AWS

Road Trip Together
PHP, HTML, CSS, JavaScript, MySQL, Apache

· Led a team of 4 developers to execute the project
· Developed MySQL database structure to pertain user authentication, chats, and email resolutions
· Implemented KD-Tree data structure to match the post
· Integrated Google Map Api to enable location services
· Powered the website with Apache web services
· Enabled real-time chat web page

Simple Blog
Java, Google Cloud Platform, JSON

· Developed an Android blog application and designed the application layout
· Used the Google Firebase platform as the backend to store images and videos
· Enabled accessibility to camera and gallery
· Performed unit testing with JUnit