

Kevin Zhang

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github.com/shukaiz

Education

University of Illinois at Urbana-Champaign

B.S., Computer Science and Crop Sciences, GPA: 3.90/4.00

Champaign, Illinois
September 2017 – May 2021

Relevant Coursework

Intro to Computer Science (Java), Programming Studio (Flask-RESTful, React Native), Data Structures (C++), Data Science & Visualization (Python/JavaScript), Probability and Statistics in CS (Python), Algorithms, Models of Computation, Applied Statistical Methods (R), Linear Algebra

Skills

Computer: Proficient in Java, C/C++, Python, R, C#, JavaScript, VB.NET, Excel.

Language: English(Bilingual), Chinese(Bilingual), Spanish(Elementary)

Experience

University of Illinois at Urbana-Champaign

Experiential Learning In Applied Statistics (ELIAS) Research Fellow

Champaign, Illinois
October 2019 - Present

- Work on research projects and independent studies in statistical genomics and plant pathology involving both traditional crop science and statistical components with Drs. Alex Lipka and Tiffany Jamann.
- Member of the inaugural class of a competitive, Illinois statewide undergraduate fellowship offered through the USDA.

University of Illinois at Urbana-Champaign

Course Assistant

Urbana, Illinois
January 2018 – May 2018

- Undergraduate teaching assistant for the CS 125 Intro to Computer Science course.
- Assisted the professor and graduate teaching assistants with the labs and hosted office hours.
- Explained key programming concepts to students in lab sections and online discussion forum.

Rainbow Education and Technologies Inc.

Founder

London, Ontario
September 2015 – June 2017

- Founded this company in junior year of high school.
- Designed and developed a mobile app to help students to find tutors in a more convenient way.
- Handled all corporate documents filings and prepared tax returns.

Selected Personal Projects

Mobile App Development: App for GitHub - <https://github.com/shukaiz/github-app>

- A cross-platform mobile app developed in React Native through JavaScript to manage GitHub projects and profile on portable devices.

Scientific/Statistical Programming: Demultiplex - <https://github.com/shukaiz/demultiplex>

- R script to read DNA sequence and extracts the barcodes and provides analysis.

Honors and Awards

Dean's Honor List

January 2018, January 2019, June 2019

- Awarded for grade-point average (GPA) in a semester ranking in the upper 20 percent.