

Kevin Zhang

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<https://github.com/shukaiz>

Education

University of Illinois at Urbana-Champaign

Expected Graduation: December 2021

Bachelor of Science in Computer Science, GPA: 3.82/4.00

Relevant Coursework: Data Structures • Algorithms • Database Systems • Data Science & Visualization • Virtual Reality • Systems Programming • Software Design Studio

Experience

Boston Consulting Group Digital Ventures

Singapore

Venture Intern (Product Management and Engineering)

June 2020 - Present

- Work to launch and scale a profit-for-purpose AgTech venture with a mission to improve the lives of smallholder farmers in developing markets.
- Coordinate across commercial, design and engineering teams and contribute to product and design demonstrations for the client team and other senior stakeholders.
- Develop core mobile app with **Android Studio**, **Firebase**, **RESTful APIs** and conduct **unit tests**.

Shopee Singapore

Singapore

Incoming Software Engineer Intern (Mobile Apps Team)

- Postponed due to entry restrictions imposed by Singapore Government during COVID-19.

University of Illinois at Urbana-Champaign

Urbana, Illinois

Research Fellow, Advisor: Prof. Alex Lipka

October 2019 - Present

- Conducts research and independent studies in statistical genomics and plant pathology with both computational statistical and traditional crop science components.
- Develop R packages to analyze quantitative genetics data by applying optimal statistical approaches.
- Member of the inaugural class of a competitive, Illinois statewide undergraduate fellowship offered through the USDA.

Rainbow Education and Technologies Inc.

London, Ontario

Founder

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.

Selected Personal Projects

Mobile App Development: Integer - Personal Dashboard - <https://apple.co/2MHLD2h> (Available on App Store)

- An iOS and Android app display timely and personally relevant numbers at a glance in a dashboard-like UI that people can view without need of opening different apps.
- Designed and implemented a responsive front-end user interface in **React Native** and integrated a web API using **Python** and **Flask** to fetch the data in the back-end.
- Conducted user experience researches and employed an iterative and incremental developmental approach.

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

- Mobile application to manage GitHub projects and profile on portable devices.
- Utilized **React Native** for front-end development while interacts with GitHub's API and **OAuth2** service.

Virtual Reality: Perdu ("Lost") - <https://github.com/shukaiz/Perdu>

- Virtual reality group project game made for students to learn French language interactively.
- A quest-based game targeted for **Oculus Go** involving many different situations one might come across in France.

Skills

Programming: Java, JavaScript, C/C++, Python, R, C#, VB.NET, SQL.

Technologies: Mobile & Web Application Development (React/React Native/Redux), Flask (RESTful API), MySQL, MongoDB, Linux, Git, AWS, Unity.