Kevin Zhang

306 E Clark St Apt 202   (217) 904-6757   https://github.com/shukaiz
Champaign, IL 61820   shukaiz2@illinois.edu

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.

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.