Zekun Wei

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Education

B.S IN COMPUTER ENGINEERING | UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN

- GPA 3.43 | College of Engineering | Degree anticipated May 2019
- Courses: Data Structures, Big Data, Data Mining, Virtual Reality, Probability with Engrg Applic, Computer System & Programming, Analog Signal Processing

Professional Experience

NATIONAL CENTER FOR SUPERCOMPUTING APPLICATION | DATA ANALYST | SUMMER 2017 | PYTHON, R, NODE.JS, SQL

- Wrote code in python doing different clustering and regression analysis on material science data
- Convert .dat files into JSON files (built for two column .dat files)

GSI | MIXES REALITY APP DEVELOPER INTERN | SUMMER 2016 | PYTHON, C#, C++

- Wrote script in python on blender to visualize the .xyz molecule data in .fxb file
- Wrote script in c# on Unity to visualize the molecule data in Google Day Dream for teaching purpose

Personal Experience

IZIPER | SWIFT, C, Arduino

- Wrote code in swift to build an app for an electronic zipper on iPhone to notice people when zips on their bags is open
- Wrote code in C and Arduino to build the electronic zipper

DUFU TEMPLE | C#, JAVA, Unity

- Wrote script in C# to reconstruct an ancient temple in ChengDu China on virtual reality world using unity with Oculus SDK

VISIBLE PHYSICS WORLD | C#, C++, Unity

- Wrote script in C# to build a micro world to illustrate different physics knowledges in the Virtual Reality world using unity with Oculus SDK

BLUETOOTH REMOTE CONTROL ELECTRIC SKATEBOARD Bluetooth | Arduino, C

- Wrote code in C and Arduino build a BLE remote control electric skateboard using Arduino and ultrasonic sensor and hall effect sensor.

Skills

- **Java/Java EE** | fluent 3+ years experience
- **Python with Pandas, SciPy, NumPy libraries** | fluent 2+ years experience
- **C++** | fluent 2+ years of experience
- **C** | fluent 2+ years of experience
- **C#** | fluent 1+ years of experience
- **R** | 1+ years of experience
- **SQL** | 1+ years of experience
- **Swift** | 1+ year of experience
- Years of Linux(Ubuntu and GNU) and Mac OS experience