XINHUI XU

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Education

Wellesley College, Wellesley, MA ···2017 - 2021
- Intended majors: Mathematics, Computer Science
- Related courses: Data Structure, Computer Systems, Calculus, Multivariable Calculus, Combinatorics and Graph Theory

Stuyvesant High School, New York, NY·······························2013 - 2017
- Related courses: AP Computer Science, Software Development, System Level Programming, Computer Graphics, AP Statistics

Work Experience

Science Center Summer Research - Wellesley College ················ Summer 2018
Tech Intern - NTD Television ····································Summer 2015/2016
- Implemented real-time push notification of breaking news on the NTDTV Android application by parsing data from web API and setting up Firebase Cloud Messaging client
- Redesigned and implemented working prototype of Youmaker (video-sharing platform) Android application using React Native

Technical Experience

Programming languages: Java, Python, C, HTML, CSS, JavaScript, Go, LaTeX
Software: Sony Vegas, Audition, After Effects, Photoshop, LibreOffice
Other: SQLite, MongoDB, Flask, Jinja2, Foundation, Bootstrap, Git

Past Projects

Shortest Pathfinder: Java applications with graphical user interface to find shortest path between any two buildings in the Wellesley College campus; developed with a partner.
Kakukaku!!: Worked in small team to develop Python web application for competitive, timed drawing matches judged by other users.
Graphics Engine: Developed Python program that parses custom scripts to generate and render 3D solids, with lighting and animation functions.

Foreign Languages

Mandarin Chinese (native), Japanese (conversational)

Awards/Honors

- QuestBridge National College Match Finalist (2016)
- AP Scholar (2016)
- National Merit Scholarship Commendation (2016)