

# XINHUI XU

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## Education

**Wellesley College**, Wellesley, MA ..... 2017 - 2021

- Major: Mathematics, Minor: Computer Science
- Related courses: Abstract Algebra, Functional Analysis, Real Analysis, Linear Algebra, Multivariable Calculus, Combinatorics & Graph Theory, Data Structure, Computer Systems

**Stuyvesant High School**, New York, NY ..... 2013 - 2017

- Related courses: AP Computer Science, Software Development, System Level Programming, Computer Graphics, AP Statistics, AP Calculus

## Work Experience

**Math Department Tutor - Wellesley College** ..... 2018 - Now

- Pforzheimer Learning and Teaching Center officially trained tutor; holds weekly help room sessions in addition to individual tutoring

**Science Center Summer Research - Wellesley College** ..... Summer 2018

- Evaluating how computer science students collaborate in blocks-based programming environment such as MIT App Inventor

**Private Bilingual Tutor** ..... 2017 - Now

- Tutors high school students in math and science; specializes in assisting non-native English speakers from China; familiar with both face-to-face and online tutoring

**Tech Intern - NTD Television** ..... Summer 2015/2016

- Implemented real-time push notification of breaking news on the NTDTV Android application using Firebase Cloud Messaging client

## Past Programming Projects

**Shortest Pathfinder:** Java application with graphical user interface to find shortest path between any two buildings on Wellesley College campus

**Kakukaku!!:** Python web application for competitive timed drawing matches

**Graphics Engine:** Python program that generates and render custom 3D solids, with lighting and animation function

## Foreign Languages

Mandarin Chinese (native), Japanese (conversational)

## Awards/Honors

- QuestBridge National College Match Finalist (2016)
- AP Scholar (2016)