SAMUEL ZHANG

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EDUCATION

Georgia Institute of Technology   **Atlanta, GA**
GPA 4.00/4.00   *September 2016 – May 2020*
Candidate for Bachelor of Science, Computer Science

Stuyvesant High School   **New York, NY**
GPA 93.56/100.00   *September 2012 – June 2016*
- National Merit Scholar Finalist (2016)

PROFESSIONAL EXPERIENCES

Computer Science and Technology for Urban Youth *(Sponsored by Google and E-Bay)*   **New York, NY**
Team Supervisor & Mentor   *July 2014 – April 2016*
- Devised multimedia advertisement to increase participant rate by 800% to over 400 members per semester
- Chosen to present Processing game simulation to Google representatives at St. Joseph's College

IDTech Android App Development   **New York, NY**
Digital Development Intern   *August 2014*
- Led a team of 3 to build Orteil Cookie Clicker clone Android app in Android SDK 19, Webkit, and Eclipse
- Integrated asynchronous multithreading in Java with XML to create dynamic user interface

Stash Incorporated   **New York, NY**
Associate Marketing Manager promoted from Investor Relations Intern   *July 2013 – August 2013*
- Built CRM and profiled angel investors across the country, raising $20K investment
- Responsible for three social media channels and data entries on over 100 organizations

PERSONAL PROJECTS

StuyBooks Online Marketplace   **New York, NY**
Team Leader & Backend   *April 2016 – Present*
- Supervised team of 3 to build book trading platform for alma mater to buy and sell used books
- Initialized and managed project workflow, facilitating client meetings and team communication
- Collaborated with team to employ Flask application using Google OAuth login system, automated SMTP email correspondence, and MongoDB database structure, creating a transaction system database
- Facilitated business process by deploying and hosting through custom Apache web-server from scratch

MusiFind   **New York, NY**
Branch Manager & Backend   *November 2015*
- Analyzed user behavioral patterns and gauged consumer experience to improve algorithm efficiency
- Implemented auto-correction system and artist/album information using EchoNest and Spotify APIs

Micro-Paint   **New York, NY**
Leader / Middleware   *May 2015 – June 2015*
- Led team of 3 to build Paint program in Processing, implementing recursive evaluation and sorting algorithms

SKILLS & INTERESTS

Programming Languages	Python, Java, C, JavaScript, HTML/Jade, CSS, Markdown, XML
Applications	Flask, MongoDB, Apache, Processing, Node, Express
Operating Systems	Mac OS, Ubuntu, Windows
Foreign Languages	Native in English. Proficient in Mandarin Chinese
Other	French-American dual-citizen with work authorization in the U.S. and Europe