

# SAMUEL ZHANG

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## EDUCATION

### Georgia Institute of Technology

GPA 4.00/4.00

Candidate for Bachelor of Science, Computer Science

Atlanta, GA

September 2016 – May 2020

### Stuyvesant High School

GPA 93.56/100.00

- National Merit Scholar Finalist (2016)

New York, NY

September 2012 – June 2016

## PROFESSIONAL EXPERIENCES

### Computer Science & Technology for Urban Youth sponsored by Google & E-Bay

Team Supervisor & Mentor

New York, NY

July 2014 – April 2016

- Worked closely with team and resolved escalated conflicts to ensure progress ahead of schedule
- Developed multimedia advertising and increased participant rate 8x to 400+ active members per semester
- Presented Processing game demo to Google representatives and other industry leaders at St. Joseph's College

### IDTech Android App Development

Digital Development Associate

New York, NY

August 2014

- Led a team of 3 and built mid-sized mobile game app in Android SDK 19
- Integrated asynchronous multithreading in Java with XML to create dynamic user interface

### Stash Incorporated

Associate Marketing Manager

New York, NY

July 2013 – August 2013

- Mobilized marketing division to systematically identify and engage prospective enterprise users
- Collected business intelligence from market research and profiled target investors, raising \$20K investment
- Managed database entries for 100+ organizations and social media outreach

## PERSONAL PROJECTS

### Snacker

- Building a cognitive tool that personalizes diet suggestions based on the user's health information
- Currently experimenting with different scalable libraries in JS frameworks like Node, Express, Mongo, and D3 for dynamic web development

### StuyBooks Online Marketplace

- Recruited and directed team of 3 in creating book trading platform to buy and sell used books
- Led discussion on project workflow, reporting metrics and key deliverables to clientele
- Deployed pilot with built-in Flask application, Google OAuth login system, and automated verification system, currently under continuous improvement
- Hosted custom MongoDB transaction database architecture on Apache-based web server

### MusiFind

- Analyzed consumer behavior and patterns to improve algorithm efficiency and user experience
- Incorporated natural language capability and parsed JSON data using Spotify EchoNest API

## SKILLS & INTERESTS

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