

# SAMUEL ZHANG

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## EDUCATION

### Georgia Institute of Technology

GPA 3.86/4.00

Atlanta, GA

September 2016 – May 2020

Candidate for Bachelor of Science, Computer Science

- Atlanta Studies Symposium Speaker: Sociotechnical Sustainability Community Development (2017)

### Stuyvesant High School

GPA 93.56/100.00

New York, NY

September 2012 – June 2016

## PROFESSIONAL EXPERIENCES

### AT&T Technology Operations – Teleconferencing Tier 2

Atlanta, GA

Technology Development Program Intern

May 2017 – August 2017

- Managed escalations and customer experience from Fortune 500 companies i.e. IBM, DuPont, and Macquarie
- Identified, isolated, and managed resolutions to complex teleconferencing network/platform troubles for CAAS programs i.e. AT&T Connect, Microsoft Lync, and Cisco WebEx with AT&T Audio Integration
- Prepared and delivered daily operations report and conducted replication and cooperative tests with global teams

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

New York, NY

Team Supervisor & Mentor

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

### Stash Incorporated

New York, NY

Associate Marketing Manager

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

### Epic Intentions – Georgia Works!

- Led team of 7 in creating SQL database infrastructure with Flask for homeless reemployment nonprofit
- Managed Agile workflow with CFO to ensure financial data and background checks are accurate
- Evaluated architecture for security reliability with sensitive information (e.g. SSN, criminal history, etc.)

### StuyBooks Online Marketplace

- Recruited and directed team of 3 in creating book trading platform to buy and sell used books
- Managed Agile project workflow and version control, reporting metrics and key deliverables to clientele
- Deployed pilot with RESTful Flask application integrated with PyMongo, Google OAuth login system, and Reddit-based voting system using the Wilson binomial proportion confidence interval
- Hosted web client and Mongo transaction database architecture on Apache-based web server with documentation

### Cookie Clicker

- 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

## SKILLS & INTERESTS

**Programming Languages** Python, Java, C, JavaScript, SQL, HTML, CSS, XML, Lisp (Scheme)

**Frameworks** Flask, NoSQL/MongoDB, Git, MaterializeCSS, Apache, NodeJS, ExpressJS

**Operating Systems** Mac OS, UNIX/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