

# David Zhao

GA TECH c/o DAVID ZHAO™  
"RESUME"  
Atlanta, Georgia USA  
©2018

## EDUCATION

**Georgia Institute of Technology** Aug 2016 – May 2020  
*B.S. Computer Science* Atlanta, GA

- > Concentration in Artificial Intelligence and Networking
- > GPA: 4.0/4.0
- > Relevant Coursework:
  - / *Data Structures and Algorithms*
  - / *Computer Organization and Programming*
  - / *Systems and Networks*
  - / *Computer Networking*
  - / *Design and Analysis of Algorithms*
  - / *Artificial Intelligence*
  - / *Robotics and Perception*
  - / *Information Security*
  - / *Objects and Design*
  - / *Relational Databases and Database Systems*
  - / *Applied Combinatorics*
  - / *Probability and Statistics*

## EXPERIENCE

**NCR Corporation** May 2018 – August 2018  
*Software Engineering Intern* Atlanta, GA

- > Developed data consolidation tool to increase incident support speed and enhance troubleshooting client issues – used by quality assurance and technical support personnel
- > Utilized Apache CXF, JAXB API, and Spring Web Services to create a lightweight command line debugging tool for Bill Pay Service vendors
- > Achieved 95% code coverage of Accounts, Transactions, and Ping APIs for Fiserv-Zelle implementation using Mockito and PowerMock

**UPS Supply Chain Solutions** May 2017 – August 2017  
*Information Technology Intern* Alpharetta, GA

- > Formalized collaborative process documentation to allow team members to take on additional responsibilities in new business implementation
- > Created configuration training for SAP, GWS, WEOS, and TTCS environments to provide team members the ability to work in all 4 application areas effectively
- > Developed Android app to aid in automating warehouse cycle counting by scanning QR codes with a DJI Phantom 4 Drone

**Smart City Infrastructure** August 2018 – Present  
*Project Team Member* Atlanta, GA

- > Worked on SCI-GIS team as part of Georgia Tech's Vertically Integrated Project program

✉ dzhao64@gatech.edu  
☎ (678) 823-1926  
🌐 github.com/davidzhao98

## OBJECTIVE

To obtain a software engineering internship for summer 2019

## SKILLS

**Proficient:** Java, Python, Android, C, SQL, Spring

**Familiar:** HTML, CSS, C++

## PROJECTS

**NYC Rat Tracker** Fall 2017  
*Java Developer*

- > Mobile application that models and tracks rodent sightings within NYC to reduce the spread of disease and community damage
- > Used Google Maps API & Firebase Realtime Database/Authentication
- > Resulted in an Android app with multiple user/admin login, advanced search, and rat reporting functionality

**DroneScan** Summer 2017  
*Android Developer*

- > Android application that uses real time image scanning to detect barcodes and conduct automated warehouse cycle counting
- > Used Java, Google Mobile Vision API, and DJI Mobile SDK
- > Resulted in a mobile app that analyzes and reacts to a live feed from an autonomous drone

**RestockX** Winter 2017  
*Python Developer*

- > Python program that continuously checks a website and emails a notification upon detecting a restock of a sold-out product
- > Used Requests API and BeautifulSoup4 API
- > Resulted in a project with speed and adaptability to purchase highly sought-after products from online stores