

# Andy Chung

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## EDUCATION

### GEORGIA TECH CUM. GPA: 3.93 / 4.0

#### BS COMPUTER SCIENCE

College of Computing  
Expected May 2018

## TECHNICAL SKILLS

### Languages

Python • Java • JavaScript • C#

### Mobile

Android • Xamarin

### Webdev

HTML/CSS • RESTful • AWS Lambda

Oauth • Flask • Celery

### Databases

SQL • Firebase • MongoDB •

DyanmoDB

### Data Science

Pandas • scikit-learn

## COURSEWORK

Machine Learning(In progress)

Honors level Databases

Mobile and Ubiquitous Computing

Computer Networking

Design & Analysis of Algorithms

Intro Neuroscience

User Interface Design

Research Methods

Systems and Networks

Combinatorics

Calc III for Computer Science

Data Structures and Algorithms (Java)

Object Oriented Programming

Intro to Computing (Python)

## AWARDS

### Faculty Honors

Multiple 4.0 GPA semesters

### Academic Excellence Scholarship

2011 \$3000

### Undergraduate Research Award

2008 \$1500

## EXTRACURRICULARS

What's in a Doctors Bag

Founder/President.

Co-author of a published paper on peripheral nerve regeneration.

Helped develop curriculum for a high school hackathon.

## PROFESSIONAL EXPERIENCE

### AMAZON | SDE INTERN

Fall 2017 | Seattle, WA

- Alexa Domains Team

### BLACKROCK | SUMMER ANALYST: SOFTWARE ENGINEERING

Summer 2017 | San Francisco, CA

- Built a machine learning toolkit that uses various classifiers to predict investment returns.
- Developed a machine learning model that was able to predict excess returns with a 64% accuracy
- Scraped Fed statements and performed sentiment analysis to test their correlation with S&P closing prices.

### VERIZON FIOS | SOFTWARE ENGINEER INTERN

Summer 2016 | Temple Terrace, FL

- Built a cross-platform native mobile app that provides realtime updates to contractors.
- Used by 500+ enterprise users and estimated to save at least \$3.9M annually in costs.
- Built in C# on the Xamarin platform in an Agile environment with a global collaborative team.

## PROGRAMMING EXPERIENCE

### TOP 10: JANE STREET ELECTRONIC TRADING CHALLENGE

Summer 2017 | San Francisco, CA

- Developed an automated trading algorithm that parsed a custom exchange protocol and competed against others in a simulated market.

### CHEF ASSISTANT

Spring 2017 | Georgia Tech

- Was able to reach **650+** unique users, with **690** sessions, and **6000+** invocations.
- Built an Amazon Echo app that lets you manage recipes hands-free.
- Available on Alexa app store. [www.amazon.com/dp/B06XP7K233/](http://www.amazon.com/dp/B06XP7K233/)

### CAPITAL ONE SUMMIT FOR SOFTWARE ENGINEERS

Spring 2016 | McLean, VA

- Built a website that fetches data from Instagram posts and performs sentiment analysis to determine whether they are positive, negative, or neutral.
- Invited to attend a week long software engineering summit hosted by Capital One where we learned about AWS, Parse, M.E.A.N stack, Photon, iOS, WebGL, and Android

### 3<sup>RD</sup> PLACE OVERALL WINNERS | MHACKS: REFACTOR

Spring 2016 | University of Michigan

- Developed an augmented reality Google Glass app that helps people on the autistic spectrum perceive facial expression and emotions.

### 1<sup>ST</sup> PLACE EDUCATION TRACK | HACKDUKE

October 2015 | Duke University

- Developed a webapp that lets you take notes via voice recognition.
- Formats and highlight notes for you in realtime and allow you to export it in pdf or txt format.

### TEACHING ASSISTANT

#### INTRO TO COMPUTING (PYTHON)

Spring 08 - Fall 08

- Lead weekly recitations and held office hours to reinforce concepts of course materials.
- Graded homework assignments/exams, proctored exams, and developed questions for exams.