

# ANIRUDDHA NADKARNI

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## WORK & EXPERIENCE

- Object Oriented Programming (taught in Java), Teaching Assistant** *Aug 2015 – Present*
- ❖ Teach weekly recitations to 50+ students and hold office hours to reinforce course concepts
  - ❖ Design and grade homework and other student assessment material
- Software Engineering Intern, Bellhops** *May - Jul 2015*
- ❖ Added features to iOS and Android applications, including badge notifications, tutorial screens, and issue reports
  - ❖ Built an internal Django web app to simplify ordering food at Bellhops HQ
- Intern, Kod\*Lab Robotics Laboratory (University of Pennsylvania)** *Jun - Aug 2013*
- ❖ Created a Python program that allows the X-RHex robots more maneuverability and fluid movement
  - ❖ Conducted calibration tests, printed circuit board development, and positioning research
- Volunteer Computer Technician, Team Children** *Jul 2012 - Jun 2014*
- ❖ Repaired and rebuilt damaged personal computers to be sold at affordable prices to disadvantaged families
  - ❖ Taught customers how to use their purchased computers, as many had little to no prior experience

## EDUCATION

### **National Merit Scholar**

- Georgia Institute of Technology, BS Computer Science** *Aug 2014 - May 2018 (expected), Atlanta, GA*
- GPA: 3.72
- Honors Program
- Relevant Coursework:* Object Oriented Programming, Data Struct. & Algorithms, Computer Org. & Programming

## SKILLS

Languages: Java, Python, Swift, HTML/CSS, C, Javascript

Platforms and Frameworks: iOS, Android, Django

## PROJECTS

- Tally** *Hack Georgia Tech 2015*
- ❖ Created iOS application using OpenCV to count the number of people in a group picture
  - ❖ Wrote Obj-C to analyze for faces, bridging the Swift application and the C++ library
- Hound** *AT&T Hackathon Fall 2015*
- ❖ Developed iOS application using Apple Maps to replace physical Lost and Found locations
  - ❖ Displays items as pins, specifying lost or found status and contact information for the owner
- Flare** *Michigan Hacks V (Spring 2015)*
- ❖ Created novel event management system as Android application
  - ❖ Implemented Google Maps API, customized interface, stored data with Firebase
- INPHO!** *Hack Atlanta 2014*
- ❖ Developed an advertising platform for small businesses
  - ❖ Implemented Geolocation API from the Mozilla Developer Network with NodeJS
  - ❖ Earned award with partner for Best Open Source Hack
- TheyShouldHaveThis.com** *Hack Georgia Tech 2014*
- ❖ Developed single-post pages and user sessions with ReactJS, Express, Jade, and Stylus
  - ❖ Created an online idea network to use public customer discovery to aid product development

## CAMPUS INVOLVEMENT

- Georgia Tech Housing, Peer Leader** *Aug 2015 - Present*
- ❖ Introduce first-year students to campus life as a resident advisor and help them acclimate
  - ❖ Advise and assist residents with any academic, professional, or personal issues
- Georgia Tech Glee Club (GC) - Humanities Course, Webmaster** *Aug 2015 - Present*
- ❖ Fix bugs and add features to the official GC website, used for grading, scheduling, and sheet music
- Georgia Tech Startup Exchange, Executive Committee** *Aug 2014 - Present*
- ❖ Lead outreach to bring entrepreneurial speakers to the community to gain startup expertise