ANIRUDDHA NADKARNI

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WORK & EXPERIENCE

Software Development Intern, *Microsoft*   *May 2017 – Jul 2017*
- ❖ Added to <u>C#</u> backend of Domain Controller product to allow for geo-redundancy for enterprise customers
- ❖ Modified the Datamodel, evaluation processes, and creation operations to support multiple virtual networks

Engineering Intern, *Bloomberg LP*   *May 2016 – Aug 2016*
- ❖ Created and deployed Bloomberg Terminal function for modifying attributes on Compliance Manager product
- ❖ Built a <u>*Python*</u> backend using <u>*ElementTree*</u> and wrote <u>*Javascript*</u> frontend
- ❖ Added to existing <u>*C++*</u> backend to provide additional insight on Compliance Manager data

Object Oriented Programming (taught in <u>*Java)*</u>, 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 for a class of 561 students

Software Engineering Intern, *Bellhops*   *May 2015 - Jul 2015*
- ❖ Added features to <u>*iOS*</u> and <u>*Android*</u> applications, including badge notifications, tutorial screens, and issue reports
- ❖ Built an internal <u>*Django*</u> web app to simplify ordering food at Bellhops HQ

Intern, *Kod*Lab Robotics Laboratory (University of Pennsylvania)*   *Jun 2013 - Aug 2013*
- ❖ Created a <u>*Python*</u> 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)*
<u>GPA: 3.73</u>
Concentrations: *Information Internetworks* and *Intelligence*
Relevant Coursework*: Natural Language Processing, High Perf. Computing, Info. Security, Machine Learning, Systems and Networks, Comp Org. and Prog., Data Struct. and Algo.*

SKILLS

Languages: <u>*Java*</u>, <u>*Python*</u>, <u>*C#, Javascript*</u> , <u>*Swift*</u>, <u>HTML</u>, <u>XML</u>, <u>C++,</u> <u>C</u>
Platforms and Frameworks: <u>*iOS*</u>, <u>*Android*</u>, <u>*Django*</u>

PROJECTS

Hound   *AT&T Hackathon Fall 2015*
- ❖ Developed <u>*iOS*</u> Application using <u>*Apple Maps*</u> 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 <u>*Android*</u> application
- ❖ Implemented <u>*Google Maps API*</u>, customized interface, stored data with <u>*Firebase*</u>

GT Walks Appalachian Trail   *Nov 2014 - Dec 2014*
- ❖ Led team in <u>HTML</u> and <u>CSS</u> development to mediate research of the Appalachian Trail
- ❖ Responded to feedback and requests from photo, video, and essay content submitters

INPHO!   *Hack Atlanta 2014*
- ❖ Developed an advertising platform for small businesses
- ❖ Implemented <u>*Geolocation API*</u> from the Mozilla Developer Network with <u>*NodeJS*</u>
- ❖ Earned award with partner for <u>Best Open Source Hack</u>

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