Raj Prateek Kosaraju
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EDUCATION

Georgia Institute of Technology, Atlanta, GA — August 2012 - Present
Expected: May 2016
- Candidate for Bachelor of Science in Computer Science
- GPA: 3.96/4.0; Major GPA: 4.0/4.0 (Faculty Honors)
- Threads: Artificial Intelligence and Information Internetworks
- <u>Relevant Coursework</u> : Machine Learning (CS 4641), Automata & Complexity (CS 4510), Intro to AI (CS 3600), Systems & Networks (CS 2200), Networking I (CS 3251), Database Systems(CS 4400), Statistics & Applications(MATH 3770)

SKILLS

Languages: Java, Python, C#, C++, SQL, C, JavaScript and MATLAB.
Platforms: Linux Ubuntu, Red Hat Enterprise Linux, Apple OS X and Microsoft Windows.

EXPERIENCE

Georgia Tech, Atlanta, USA — August 2015 – Present
Undergraduate Research Assistant, Contextual Computing Group & Design and Intelligence Lab
- Researching under Dr. Thad Starner on silent speech recognition and under Dr. Ashok Goel on AI and bio inspired design.

Georgia Tech, Atlanta, USA — August 2015 – Present
CS 3510(Algorithms- Design & Analysis) TA, College of Computing
- Hold office hours, help students with questions on algorithm design and analysis and grade homework and exams.

Microsoft, Seattle, USA — May 2015 – August 2015
Software Engineer Intern, Microsoft Office Video
- Worked on replacing legacy MSN video player from internal Microsoft sites with Azure Media Player. Determined the most useful customer engagement and quality of service metrics and created an analytics plugin to report this data.

Georgia Tech, Atlanta, USA — August 2014 – December 2014
CS 2340(Software Design) TA, College of Computing
- Guided five teams and graded their semester-long project based on adherence to good design principles and practices.

Amazon, Seattle, USA — May 2014 - August 2014
SDE Intern, Payments Platform
- Created an automated suite that verified all code changes for booking accounting events using mock events. Worked in the Order-To-Cash (OTC) team, which managed accounting information about transactions taking place on Amazon.com.

PROJECTS

Georgia Tech, Atlanta, USA — April 2015 - Present
SqueakLogin, Android App
- Created an app and a chrome extension to encode and decode two-factor auth codes via sound, without any user intervention.
- Based the 2nd step of authentication on proximity of mobile device to laptop, eliminating the prevalent manual method.

HackGT - Georgia Tech Hackathon, Atlanta, USA — September 2014 - Present
OneSync for Windows
- Created an app to dynamically cache an open session on one device and restore it on any another device using MS OneDrive.

Atlanta, USA — September 2014- Present
Prophecy
- Developed and implemented an algorithm to uniquely identify individuals based on their characteristic typing patterns.

Georgia Tech, Atlanta, USA — August 2014- Present
Intelligent Recipe Website
- Developed a Web App that utilizes ML to intelligently make ingredient substitutions for people with dietary restrictions.

HONORS & AWARDS

- **1st Place**, ConocoPhillips Innovation Challenge 2015, OK, USA — April 2015
- **1st Place**, Georgia Tech Mobile App Dev Hackathon, Atlanta, USA — April 2015
- **1st Place**, GT IEEE Programming Competition**, Atlanta, USA — March 2015
- **3rd Place,** BizTech Case Challenge 2015, Georgia Tech, Atlanta, USA — February 2015
- **Top 10 & Best Project Implementing a Microsoft API,** HackGT**, Georgia Tech, Atlanta, USA — September 2014
- **3rd Place,** Amazon Global Intern Hackathon, Amazon HQ — July 2014