

Raj Prateek Kosaraju

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EDUCATION

Georgia Institute of Technology, Atlanta, GA

- Master of Science in Computer Science (Machine Learning) with Teaching Assistantship January 2016 – December 2016
- M.S. GPA: 4.0/4.0
- Bachelor of Science in Computer Science August 2012 – December 2015
- B.S. GPA: 3.97/4.0; Major GPA: 4.0/4.0 (97th percentile, Highest Honors)
- Specializations: Artificial Intelligence and Networking
- Relevant Coursework: Machine Learning (CS 7641), Data & Visual Analytics (CSE 6240), Advanced Algorithms (CS 6505), AI (CS 3600), Web Search and Text Mining (CSE 6242), Knowledge Based AI (CS 7637), ML for Trading (CS 7646)

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

Palantir Technologies, Palo Alto, USA

May 2016 – August 2016

Software Engineer (FDSE) Intern

- Worked on a RESTful API and various aspects of the Palantir Gotham pipeline in a healthcare use case to improve performance, robustness and automate certain tasks. Also worked on a pipeline to analyze healthcare claims and detect fraudulent activities.

Georgia Tech, Atlanta, USA

August 2014 – Present

Graduate Teaching Assistant, College of Computing & School of Physics

- Taught CS 4510 (Complexity Theory), CS 3510 (Algorithms design & analysis), CS 2340 (Objects and Design) and PHYS 2211 (Classical Mechanics) by leading lectures, holding recitation sessions and office hours.

Georgia Tech, Atlanta, USA

August 2015 – Present

Research Assistant, Contextual Computing Group

- Researching under Prof. Thad Starner on eating activity recognition using off the shelf wearables and Machine Learning.

Microsoft, Seattle, USA

May 2015 – August 2015

Software Engineer Intern, Microsoft Office

- 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.

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 – November 2015

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 – May 2016

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.

HONORS & AWARDS

- **1st Place**, GT IEEE Programming Competition, Atlanta, USA March 2016
- **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
- **Faculty Honors**, Georgia Tech, Atlanta, USA August 2012 – Present