Raj Prateek Kosaraju

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EDUCATION

Carnegie Mellon University, Pittsburgh, PA   August 2016 – May 2017 (Expected)
- Master of Science in Machine Learning, School of Computer Science

Georgia Institute of Technology, Atlanta, GA   August 2012 – May 2016
- Bachelor of Science in Computer Science
- B.S. GPA: 3.97/4.0; Major GPA: 4.0/4.0 (97th percentile, Highest Honors)
- Specializations: Artificial Intelligence (Machine Learning)
- Relevant Coursework : Machine Learning (CS 4641), Data & Visual Analytics (CSE 6240), Advanced Algorithms (CS 6505), AI (CS 3600), Web Search and Text Mining (CSE 6242), Knowledge Based AI (CS 7637)

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 – Present
Software Engineer (FDSE) Intern
- Working on various aspects of Palantir Gotham in a healthcare deployment to improve performance, usability and robustness.

Georgia Tech, Atlanta, USA   August 2015 – Present
Undergraduate Research Assistant, Contextual Computing Group
- Researching under Prof. Thad Starner on eating activity recognition using off the shelf wearables and Machine Learning.

Georgia Tech, Atlanta, USA   August 2015 – May 2016
Graduate TA, College of Computing & School of Physics
- TA'ed CS 3510 (Algorithms design & analysis), CS 2340 (Objects and Design) and PHYS 2211 (Classical Mechanics).
- Held recitations sessions, office hours, and graded homework and exams.

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