

# Raj Prateek Kosaraju

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## EDUCATION

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### Georgia Institute of Technology, Atlanta, GA

- Master of Science in Computer Science with Teaching Assistantship January 2016 – December 2016
- M.S. Specialization: Machine Learning
- M.S. GPA: 3.90/4.0
- Relevant Coursework: Machine Learning, ML for Trading, Data and Visual Analytics, Web Search and Text Mining, Big Data Systems and Analytics, Artificial Intelligence, Knowledge Based AI, Computer Vision, Advanced Algorithms
- Bachelor of Science in Computer Science August 2012 – December 2015
- B.S. GPA: 3.97/4.0 (97<sup>th</sup> percentile, Faculty Honors and Highest Honors)
- B.S. Specializations: Artificial Intelligence and Information Networks

## EXPERIENCE

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### Palantir Technologies, Palo Alto, USA

May 2016 – August 2016

#### *Software Engineer (FD) Intern*

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

### Georgia Tech, Atlanta, USA

August 2015 – December 2016

#### *Graduate Research Assistant, Contextual Computing Group*

- Researching under Prof. Thad Starner on recognizing eating activity using wearables and Machine Learning (primarily HMMs).

### Georgia Tech, Atlanta, USA

August 2015 – May 2016

#### *Graduate Teaching Assistant, College of Computing & School of Physics*

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

### Microsoft, Seattle, USA

May 2015 – August 2015

#### *Software Engineer Intern*

- Created an analytics reporting layer to collect the most useful customer engagement and quality of service metrics for the Azure Media Player. Also worked on replacing legacy MSN video player from all internal Microsoft sites with Azure Media Player.

### Amazon, Seattle, USA

May 2014 - August 2014

#### *Software Engineer 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

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### Microsoft Big Data Hackathon, Seattle, USA

June 2015 – November 2015

#### *WalkSafe, WebApp*

- Developed a web app and a model to find the safest walking route from one point to another in Seattle using google maps and, the time of day, weather, and publicly available crime data.

### Georgia Tech, Atlanta, USA

September 2014 – May 2016

#### *Prophecy*

- Designed and implemented an application that once trained, could identify an individual based on their typing pattern using multiple machine learning models.

## HONORS & AWARDS

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- **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 (x6)**, Georgia Tech, Atlanta, USA August 2012 – Present
- **Exemplary Academic Achievement Award**, Delhi Private School, Sharjah, UAE July 2012