

NIKHIL PRASAD

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EDUCATION

The University of North Carolina at Chapel Hill

B.S. Mathematical Decision Sciences (Statistics), May 2017
Double major in Computer Science, May 2017
Minor in Mathematics, May 2017
Overall GPA: 3.848
Dean's List all semesters

The University of New South Wales – Sydney, Australia

1 semester spent studying abroad

CERTIFICATIONS AND TESTS

SAS Certified Base Programmer for SAS 9

Issued by the SAS Institute – certificate number BP034132v9

MIT's Tackling the Challenges of Big Data

Issued by MIT Professional Education

SAT

2240 with a perfect math score

EXPERIENCE

Risk Research and Quantitative Solutions Intern – SAS Institute – Cary, NC

May 2016 – Present

- Generated web applications and REST APIs based on input databases by analyzing relationships
- Worked with **SAS** code to sanitize, format and export data for Operational Risk Management

Undergraduate Teaching Assistant – UNC Computer Science Department – Chapel Hill, NC

August 2015 – May 2016

- Teach parts of a mid-level computer science course focusing on object-oriented **Java** techniques
- Provide one-on-one coaching for programming concepts
- Direct recitation lessons for groups of 30-40 freshman to junior students

Research Assistant – UNC Computer Science Department – Chapel Hill, NC

September 2014 – March 2015

- Co-authored a paper on collaborative filtering recommender systems
- Wrote **Java** demo code for a PhD dissertation on collaborative filtering recommender systems
- Utilized machine learning to analyze email data to come up with estimated time responses

Web Developer – UNC General Alumni Association (GAA) – Chapel Hill, NC

September 2013 – May 2014

- Developed and published web applications to allow meeting coordination for UNC alumni all over the country using a variety of back-end, database, and front-end languages including **PHP, ASP, SQL, Javascript, HTML5** and **CSS3**
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SKILLS

Analytics

SAS 9 Certified, MATLAB, WEKA Machine Learning Toolkit, Prolog, Excel

General Programming

Java, C, Android, Python, Javascript, SQL, PHP, ASP, NodeJS, HTML5, CSS3

ACTIVITIES

Co-Founder and Vice President – Carolina Analytics and Data Science – UNC Chapel Hill *August 2016*

- Carolina Analytics and Data Science is an organization which aims to educate students about data science and help them network with professionals working in the analytics space. We are planning on hosting a data science case competition this Spring.

Mentor – Pearl Hacks – University of North Carolina at Chapel Hill *April 2016*

- I helped student hackers with any bugs or technical design issues they may have encountered, and were not able to solve on their own.

Student Hacker – VandyHacks – Vanderbilt University *October 2015*

- **Won** best Pebble app award for creating a Pebble app and a Microsoft PowerPoint add-on using **C#** and **Javascript** which, together, help speakers manage their time during presentations

Student Hacker – HackNC – University of North Carolina at Chapel Hill *October 2013, 2014 and 2015*

- 2015: **Won** best use of the **Capital One API** for making a restaurant recommender system based on credit card transaction history and Yelp! reviews.