

Nikhil Prasad

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OVERVIEW

A quantitative, technical, and visual designer committed to applying multi-disciplinary skills to unravel complex problems and communicate actionable insights.

- *Quantitative:* Strong academic background in math and statistics; professionally tutored math for a year
- *Technical:* Hands-on experience with highly advanced programming and computer security
- *Visual:* Passion for graphic design and visual representation of information

EDUCATION

M.S. in Analytics

May 2018

Institute for Advanced Analytics, North Carolina State University, Raleigh, NC

GPA: 4.00

B.S. in Mathematical Decision Sciences (Statistics/OR); 2nd Major in Computer Science

May 2017

Graduated with Highest Distinction, Dean's List all semesters

The University of North Carolina at Chapel Hill

GPA: 3.84

Minor in Mathematics

Study Abroad Semester: The University of New South Wales, Sydney, Australia (Spring 2015)

PRACTICUM

- Partnering with **Asurion, LLC**, the global leader in tech insurance, to increase customer retention and engagement with their technical support application
- Developing and implementing content-targeting models using sequence analysis, clustering methods, and random forests

SKILLS

- *Software:* Excel, Adobe Illustrator, Photoshop, Linux, Firebase (NoSQL), GitHub, AWS, NodeJS
- *Languages:* Python, SAS, R, SQL, Java, MATLAB, JavaScript, C/C++, HTML/CSS
- *Communication:* Teaching, Presenting, Representing information visually
- *Computer Science:* Code resource/speed optimization, RESTful APIs, Sort/search algorithms, Combinatorics

CERTIFICATIONS

- SAS Certified Advanced Programmer for SAS 9
- SAS Certified Statistical Business Analyst Using SAS 9: Regression and Modeling
- SAS Certified Predictive Modeler Using SAS Enterprise Miner 14

PROFESSIONAL EXPERIENCE

SAS Institute

Cary, NC

Risk Research and Quantitative Solutions Intern

May 2016 – April 2017

- Sanitized, transformed, formatted, and exported data for operational risk management
- Designed/developed web tools and RESTful APIs, interacting with multiple databases and formats; SAS leadership recognized the project work; the tools are an established part of many projects across SAS

UNC Computer Science Department

Chapel Hill, NC

Undergraduate Teaching Assistant

August 2015 – May 2016

- Selected to assist in the teaching of a computer science course (object-oriented Java techniques)
- Provided one-on-one coaching for programming concepts
- Conducted lessons for groups of 30-40 freshman to senior students

UNC Computer Science Department

Chapel Hill, NC

Research Assistant

September 2014 – March 2015

- Co-authored an ACM (top-tier computing association) conference paper on machine learning for UI design
- Wrote Java code for a PhD dissertation to estimate communication response times with machine learning

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UNC General Alumni Association Web Developer

Chapel Hill, NC
September 2013 – May 2014

- Developed and published a web application to coordinate UNC alumni meetings across the country

ACTIVITIES

Carolina Analytics and Data Science (CADS) Co-Founder and Vice President

UNC Chapel Hill
May 2016 – April 2017

- Founded CADS, gained sponsors (university department heads and industry leaders), and raised funds to successfully launch the club
 - CADS is now an established organization which educates students about data science and helps them network with analytics professionals
 - CADS hosts a yearly data science competition drawing students from all over the Research Triangle area
- Engaged speakers including C-Level executives and industry luminaries

Hackathons Mentor and Participant

Various Universities
2013 – 2017

- Mentored an all-girls hackathon at UNC, helping hackers with technical design and debugging
- Participated in several hackathons using a range of technologies, languages, and hardware
- Won *Best Use of Capital One API* for making a restaurant recommender system based on credit card transaction history and Yelp! reviews
- Won *Best Pebble Smartwatch App* for creating a Pebble app and a Microsoft PowerPoint add-on using C# and JavaScript which, together, help speakers manage their time and progress during presentations
- Won an award from Delta Airlines for using computer vision to estimate remaining overhead baggage space in aircrafts without any human intervention

Speaking Engagements Speaker, Panelist, Chair

UNC Chapel Hill
2016 – 2017

- Delivered a lecture on time-series analysis to students at a data science hackathon
- Was a panelist for a presentation to CADS from the Director of The Institute for Advanced Analytics
- Chaired multiple Model United Nations conferences, moderating up to 50 students in sessions