PRERNA

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EDUCATION

University of Michigan – Ann Arbor   **Ann Arbor, Michigan**
Master of Science in Quantitative Finance and Risk Management   *December 2018*
- ***Courses:*** Financial Mathematics, Financial Modeling, International Financial Management, Applied Statistics, Analysis for Finance, Numerical Methods with Financial Applications, Stochastic Processes.

Georgia Institute of Technology (Georgia Tech)   **Atlanta, Georgia**
Bachelor of Science in Applied Mathematics (with Honors)   *May 2015*
Minor in Economics, Certificate in Finance
- ***Courses:*** Economic Forecasting, Industrial Organization, Game Theory Economics, Fixed Income, Security Valuation, Derivative Securities, Corporate Restructuring, Mgt. of Financial Institutions.
- ***Honors:*** Dean's List: Fall 2011, Spring 2012, Spring 2013, Spring 2014, Fall 2014, Spring 2015; Faculty Honors: Fall 2012; Inducted into Omicron Delta Epsilon – International Economics Honor Society for scholastic achievement in Economics.

EXPERIENCE

Reserve Bank of India (Central Office)   **Mumbai, India**
Summer Intern, Foreign Exchange Department   *August 2018 – September 2018*
- Successfully completed the final summer project of studying the forex flow of the Indian economy.
- Collected, cleaned and analyzed the data of forex inflow and outflow of the Indian economy.
- Studied the dependency of the different indicators with respect to GDP, Forex Reserve, Exchange Rate, etc.

BNP Paribas   **New York City, New York**
Summer Associate, Global Markets Division   *May 2018 – August 2018*
Rotation 1: Primary & Credit Markets – Asset Finance and Securitization (AFS) Desk
- Automated the weekly email updates sent to clients and the internal market update reports.
- Created a dashboard for the Auto ABS sector detailing the current deals, top clients, etc.
- Assisted with creating pitchbooks and analysis of the current deals.

Rotation 2: Business Management – Data Analytics Desk
- Used Alteryx to analyze the database and forecast the target revenue numbers for the Global Markets Budget 2019.
- Created automated dashboard summarizing the data for top clients using Tableau.
- Created a chatbot using Python to record trade ideas and subsequent feedback from clients; this helped speed up the communication between traders and salesperson.

Tata Asset Management Ltd.   **Mumbai, India**
Internship Trainee, Product Development Department   *September 2015 – March 2016*
- Created a database of relevant market indices using Bloomberg data in MS Excel which was used for creating internal financial reports. This tool helped speed up the process of creating financial reports by 10 times.
- Assisted the sales team with creating marketing strategies for the NFO by preparing reports about the various statistical measures like Sharpe ratio, Treynor ratio, market risks, etc.
- Completed Bloomberg training sessions held regularly to increase proficiency with Bloomberg.

LEADERSHIP

Residence Hall Association, Georgia Tech   **Atlanta, Georgia**
Finance Coordinator   *August 2013 – May 2014*
- Managed the financial accounts ensuring fiscal responsibility; volunteered and recruited future members.

AWARDS & AFFILIATIONS
- Bloomberg Market Concepts: Certificate of Completion.
- Institute of Actuaries of India: Student Member.
- Member of GT Undergraduate Consulting Club and GT Student Foundation Investment Committee.
- Ranked 5th in the Regional Mathematics Olympiad (2011), qualified for Indian National Mathematics Olympiad.
- Hold sixth year diploma in Indian Vocal Classical music and fifth year diploma in Fine Arts (Painting).

SKILLS
Languages: English, Hindi and German.
Programming: MS Office, MATLAB, R, Tableau, Alteryx, Java, Python, MySQL, VBA, HTML, XML.