Chinmay Shringarpure
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Education:

Master of Finance	Robert H. Smith School of Business	**Dec 2015**
(Focus on Statistics)	University of Maryland, College Park	
	GPA: 3.36	

Skills:

- **Bloomberg Terminal:** CNDL, OSA, PORT, OMON, DES
- **Microsoft:** Excel VBA (macro, pivot table)
- **Minitab:** Regressions, ANOVA
- **Programming languages:** R, Matlab, Python, Mathematica

Work Experience:

- **Graduate Assistant: Intro to Finance – University of Maryland, College Park** **Sept 2014 – Present**
  - Assisting students in creating discounted cash flow models in Excel from company financial statements downloaded from Thomson Reuters
  - Teaching students how to run regressions and fitted line plots in Excel.
  - Grading assignments and projects
  - Assisting students with homework, projects and exam review
  - Assisting professors with writing examination questions
  - Proctoring examinations

- **Student Ambassador, Wolfram Research** **July 2015 - Present**
  - Writing code in Wolfram's Mathematica language
  - Hosting workshops to present work and promote Wolfram technologies
  - Participate in discussions to promote programming using Wolfram's Mathematica language
  - Collaborating with other student ambassadors to plan out events and coding projects

Class Projects:

- **Analyzing Foreign Currency cash flow (International Finance Case)** **Fall 2015**
  - Studied Maxwell Engineering case to identify the problem of out-bidding competitor's offer to the client of receiving payments for service in foreign currency
  - Compared future expected cash flows in two different currencies to identify the cheaper alternative after converting to common currency
  - Calculated the present value of future cash flows using different maturities and country interest rates
  - Set up synthetic forwards to lock in exchange rates to convert future cash flows back into dollar
  - Created an option for the client to pay in either home currency or foreign currency
  - Valued the premium to charge for the option using the Black Scholes formula

- **Portfolio Management** **Spring 2015**
  - Created metrics like standard deviation, skewness and kurtosis on stock data in R
  - Ran regression models to estimate beta and alpha of stocks in R
  - Created Monte Carlo algorithms in Excel to establish a confidence interval for returns
  - Used Solver function in Excel to optimize the weights of stock to create the efficient frontier and capital market line to help understand long term versus short term market efficiency
  - Wrote VBA program to price derivatives using Black Scholes callable on excel
  - Calculated Greeks for the options in Excel to provide hedging measures

Interests and hobbies:

- Investment philosophy, Science, History
- Sports, Sabermetrics (baseball statistics), Data Analysis