M. SHAHIDUL ISLAM

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# SUMMARY

Committed to utilize and develop my technical and communication skills while leveraging my strong work ethic and desire to challenge myself. Driven to make use of my knowledge of economics, finance, mathematics and data analysis to add value to the company.

# SKILLS

* R, Python, C, C++
* Microsoft Office

# KNOWLEDGE BASE

* Econometric Analysis
* Derivative Securities
* Portfolio Management

# PROFESSIONAL EXPERIENCE

* ***Free Lance Data Scientist***(June 2009- Present)
* Worked on Classification models such as LDA, Logistic regression, Random Forest, XG boost
* Worked on Econometric analysis on Panel data, Time series data, limited dependent variable models
* Used Data Visualizing package such as Ggplot2, Matplotlib
* Used Data Wrangling package such as dplyr,tidyr
* ***Financial Advisor, Wachovia Securities, Minneapolis, MN*** *(Jun. 2007-Apr. 2009)*
  + Responsible for managing assets of new and existing clients
  + Presented clients with optimal portfolio mixes, synthetic portfolio insurance strategies, and various features of derivative securities using advanced features of Microsoft Excel.
* ***Financial Advisor, UBS Financial Services, Minneapolis, MN*** *(Aug. 2005-Jun. 2007)*
  + Responsible for gathering new clients and advising them how to achieve their financial goals
  + Presented clients with optimal portfolio mixes, synthetic portfolio insurance strategies, and various features of derivative securities using advanced features of Microsoft Excel.

## **Chief Executive Officer, Icube Capital, LLC, Ramsey, MN** (May 2000-Aug. 2005)

## Icube was a Minnesota company engaged in trading equities, derivatives, and currencies

## Used various data analysis techniques to find unique and profitable trading opportunities

* ***Risk Analyst, Metris Companies, Minneapolis, MN*** *(Feb. 1996-Dec. 1996)*
  + Responsible for tracking daily/monthly losses and forecasting future losses to enable executives to make corrective measures
  + Developed a model to determine what amount of payment is needed to reach a desired loss rate to help the company to set collection goals and utilize resources efficiently

**TEACHING EXPERIENCE**

* ***Adjunct Faculty, Metropolitan State University, Minneapolis, MN*** *(Fall 2008-Present)*
  + Courses: Financial Management, Portfolio Management, Money and Banking, International Trade
* ***Sabbatical Replacement, North Hennepin Community College, Brooklyn Park, MN*** *(Fall 2011- Spring 2012, Fall 2004-Spring 2005)*
  + Courses: Microeconomics, Macroeconomics

# *Adjunct Faculty, Minneapolis Community and Technical College, Minneapolis, MN (Fall 2008-Spring 2009)*

# Courses: Microeconomics, Macroeconomics

## **Adjunct Faculty, University of St. Thomas, Minneapolis, MN** (Fall 1997-Fall 2008)

## Responsible for teaching Masters of Business Administration classes in finance

## Courses: Corporate Finance, Financial Derivatives, Portfolio Management

## Computation in advanced finance using Microsoft Excel

* ***Adjunct Faculty, Anoka-Ramsey Community College, Coon Rapids, MN*** *(Spring 1998-Spring 2000)*
  + Courses: Microeconomics, Macroeconomics, C, C++, Intermediate Algebra
* ***Instructor, Augsburg College, Minneapolis, MN*** *(1988-1995)*
  + Responsible for teaching upper division classes in finance and economics
  + Courses: Microeconomics, Macroeconomics, Management Science

# ACADEMIC CREDENTIALS

## University of Minnesota, Department of Economics, Minneapolis, MN

## **Ph.D (ABD), 1996** Major Emphasis: **Economics**

## University of Minnesota, Department of Economics, Minneapolis, MN

## **Master of Arts, 1996** Major Emphasis: **Economics**

## Carlson School of Management, University of Minnesota, Minneapolis, MN

## **Masters of Business Administration, 1988** Major Emphasis: **Finance**