Drishti Bhardwaj

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EDUCATION

University of California, Santa Cruz   Santa Cruz, CA
Applied Economics and Finance, M.S   *Jun 2019*
Relevant Coursework: PhD.International Finance, Financial Engineering, Applied Econometric, Corporate Finance

Symbiosis International University   Pune, India
Economics (Honours), B.Sc   *Apr 2017*

EXPERIENCE

Wishes and Blessings (NGO)   Jan 2018 – Jun 2018
Research And Development Manager

- Worked to expand various projects like - Home for Elderly, Sponsor a Child, Winter drive etc. with primary focus on conducting workshops and fund raising.
- Worked towards development and growth of team members - conducted workshops for Photo-shop, organized vocational training sessions, marketing conferences etc.
- Worked on gaining accreditation and improving recognition for the NGO.

Aditya Birla Sun Life Mutual Funds   Apr 2016 – Jun 2016
Summer Intern

- Worked with various clients like HDFC to incorporate Aditya Birla Systematic Investment Planning (SIP) for mutual funds in their organization.
- Conducted a comprehensive analysis of Aditya Birla SIP strategies and those of their competitors.
- Worked with Aditya Birla R&D to develop economic strategies for different centers in the city.

Bhumi (NGO)   May 2015 – Jul 2015
Summer Intern

- Worked in finance and liaison team to raise and manage allocation of funds.
- Developed content for primary school curriculum for Mathematics and Science.

PROJECTS

Cost-Benefit Analysis of Macro-prudential Policies : Ongoing empirical research quantifying costs and benefits of macro-prudential policies. Aim to find economical policies that minimize systemic risk and probability of financial crisis.

Financial Crisis and Macro-prudential Policies : Presented a paper by Benigno et al. (2013) on financial crises and effectiveness of ex-ante and ex-post policies in dealing with them. Concluded with a referee report on the same.

Study of the Agrarian Crisis and Farmer Indebtedness in India : Found majority of policies target a single aspect and are misguided, others have poor implementation. Proposed solutions which shift focus of policies and incorporate a variety of factors.

Risk-sharing Analysis : Regression analysis along with ggplot was used to analyze and graphically represent the bilateral risk-sharing among 10 countries and their individual risk-sharing evolution in R using the Penn World Table data.

Cross-validation and Bootstrapping : Developed robust cross-validations and bootstrapping models in R.

Time Series Analysis : Set up different VAR and ARIMA models in order to conduct a time series analysis and study the response of different security prices to exogenous shocks in R.

Non-parametric analysis : Non-parametric fit estimated for housing market data. Conducted time series analysis of rental prices using counterfactuals and instrumental variables to understand effect of having a university in a county on rentals.

RECOGNITIONS

Scholarship : Awarded CFA program university recognition scholarship (appearing for level 1 in Dec, 2019).
Discussion : Selected on merit to attend a discussion with Dr. Janet Yellen on macroeconomic policies and working of the Federal Reserve.

TECHNICAL SKILLS

Languages : Python, R, STATA
Packages : SAS Base, Dynare, MATLAB, ggplot, dplyr, numpy
Other : MS Office, LaTeX