

KEERTHI SARAN CHIDEPUDI

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SUMMARY AND OBJECTIVE

I am looking for an internship which will help me progress along my career path to become a high performing quantitative risk management professional. As a current graduate student in quantitative finance and data analytics, I hold the Financial Risk Manager (GARP) certification and have professional application development experience in risk analytics.

EDUCATION

Rutgers University, New Brunswick, NJ, USA

Master of Science, Financial Statistics & Risk Management

2015 – 2016

Vellore Institute of Technology, Vellore, India

Bachelor of Technology, Electronics and Communication engineering

2006 – 2010

PROFESSIONAL EXPERIENCE

iNautix Technologies, a Bank New of York Mellon company, Chennai, India

Senor Application Developer

2013 – 2014

- Initiated and completed a project to reprogram legacy applications with frequent problems, resulting in substantially improved performance in the reprogrammed applications.
- Designed and developed a proof of concepts application model for Credit Risk and Value at Risk analyses using Excel VBA and Tableau.
- Led a team of 5 developers and trained 2 trainees for the application development and production support teams.

Application Developer

2010 – 2013

- Designed and developed new Rapid Application Development (RAD) applications to generate financial reports on portfolio performance including: Portfolio Valuation Reports, Performance of Fund Managers, and Year End Financial Statements
 - Developed RAD applications to calculate and report fund performance including: NAV, Value-at-Risk, ROI and Credit Exposures.
 - Led a team of 5 developers working to develop and support the production implementation of RAD applications.
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RESEARCH PROJECTS

Fingerprint Recognition using Hidden Markov Model with Ridge Directions

2010 – 2010

- Developed an application to identify fingerprints through ridge direction using a Hidden Markov Chain Model and MATLAB
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TECHNICAL AND OTHER SKILLS

Core Domain Expertise: Quantitative Analysis, Financial Risk Management

Computing and Programming: VBA, R, SQL, Matlab, C++, Microsoft Word, Excel & PowerPoint

Communication: Experienced in presenting complex ideas to coworkers and managers

Workplace and Teaming: Experienced and skilled in teamwork as a leader and team member

HONORS AND ACTIVITIES

Global Association of Risk Professionals (GARP)

2014-15

- Passed both exams with required experience and certified for Financial Risk Manager (FRM) designation
- First quantile in all 5 subjects in FRM Part 2 examination

CFA Institute (Chartered Financial Associate Institute)

2014-15

- CFA Level 2 candidate 2016
- Passed CFA Level 1 Examination with the highest score in 9 out of 10 subjects

Bank of New York Mellon

2013-14

- Received an Extra Mile Award for designing and developing a desktop application that reduces 16 man hours of work per week to button clicks

Self-Learning

2013-14

- **Completed the following courses through Coursera:** Machine Learning, Computational Finance and Econometrics, Financial Engineering and Risk Management