Songchen(Darren) Zhang

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OBJECTIVE

To obtain an actuarial internship position in a financial institution

EDUCATION

University of Connecticut, Storrs, CT Anticipated Dec 2014

- M.S. in Applied Financial Mathematics
- **GPA**: 4.00/4.00

Purdue University, West Lafayette, IN May 2012

- B.S. in Actuarial Science Honor and Applied Statistics; Minor in Management
- **GPA**: 3.74/4.00

Actuarial Exams

- **Passed**: **1/P**; **2/FM**; **3/MLC**; **4/C**
- Fulfilled Society of Actuaries Validation by Educational Experience (**VEE**) requirements

RELATED PROJECT

Lapse Case Study University of Connecticut Aug 2013 – Dec 2013

- Validated lapse data on categorical and non-categorical variables using SAS
- Conducted exposure calculation on varieties of policy dates and status using SAS
- Created varieties of reports using Excel Pivot Table to analyze data

WORKING EXPERIENCE

University of Connecticut Math Department Storrs, CT
Research Assistant May 2013 – Present

- Optimize and calibrate for regime-switching interest rate model using VBA and R
- Develop different statistical measures for model's significance test
- Design and provide varieties of reports for Professor James Bridgeman's presentation and paper

University of Connecticut Math Department Storrs, CT
Teaching Assistant Jan 2013 – Dec 2013

- Lectured Calculus with a class size of 35 students and a class length of 1.5 hour
- Held discussion sessions and solve student's problems in group and individually

East West Bank El Monte, CA
Treasury Management Service -Temp Oct 2012 – Dec 2012

- Gathered, input and analyzed customer data using Excel to improve banking product services
- Resolved business customers' problems by telephone

China Export & Credit Insurance Corp Dalian, China
Credit Insurance Manager Assistant (Intern) Jun 2011 – Aug 2011

- Analyzed credit data to evaluate clients' credit level
- Assisted in creating long term projection models for accounting and finance divisions

ORGANIZATION

Purdue Musical Organizations, *Heart & Soul Choir* 2010 - 2012

- Performed in Purdue Christmas Show, PHENOMENA show and other community events
- Promoted and positively represented Purdue University to public