

**HIGHLIGHTS****Assistant Professor:** *University of Hawai‘i—West O‘ahu**Selected courses:*

CENT 410/ITS 410 IT Project Management

BUSA 348 Data Analytics in Business;

BUSA 416 Accounting Information Systems.

**Database Developer:** Designs, develops, and implements databases tables, views and stored procedures using Microsoft’s Transact-Structured Query Language (T-SQL) that store, transform, and prepare data for analysis using KRM.**Structured Products Analyst:** Beginning to modify in-house C programs to query and analyze structured products (mostly RMBS & CMBS) that are modeled by Intex.**Training Developer:** (Previous employment) Developed a 2 ½ day training course, including hands-on labs, for a client-server software product on Windows: precursor to Desktops-as-a-Service (DaaS). Trained others to teach the course.**Systems Integrator:** (Previous employment) Wrote several scripts that enabled software packages from heterogeneous vendors to simultaneously interoperate.**Release Engineer:** (Previous employment) Responsible for maintaining standard software development environment, nightly build process, and release versioning.**EDUCATION  
and  
AWARDS****Shidler College of Business**, University of Hawai‘i at Mānoa, Honolulu, HI*Ph.D. in International Management with concentration in Accounting, May 2012*

Dissertation: The Value Relevance of the Fair Value Hierarchy of FAS 157

Corbin Award to Ph.D. Student in Accounting

Graduate Division Achievement Scholarship

**Massachusetts Institute of Technology**, Cambridge, MA*Master of Science in Oceanography***Columbia University**, New York, NY*Master of Science in Applied Mathematics*

Kodak Research Fellow

*Bachelor of Science in Applied Physics*Applied Physics Faculty Award and *Tau Beta Pi**Bachelor of Arts in Mathematics*

Combined Plan Scholar

**EXPERIENCE**  
(selected)**School of Accountancy, Shidler College of Business** Honolulu, HI*Lecturer in Accounting, Economics, and Business Statistics*, Fall 2012–Fall 2015**Kamakura Corporation** Honolulu, HI*Analyst*, Risk Consulting Group, October 2008–present

T-SQL programming; ETL with SSIS &amp; C#; and Visual Basic for Applications

**Kaplan Test Prep** Honolulu, HI*GMAT Instructor*, April 2007–December 2008**village.com** (online communities) Waltham, MA*Webmaster (Digital Unix, Apache, Perl, with some configuration of Sendmail)***Cisco Systems** (network management software division) Chelmsford, MA*Technical Marketing Engineer***Columbia University** New York, NY*Undergraduate Teaching Assistant*, Department of Mathematics

Introduction to Linear Partial Differential Equations, Advanced Calculus, Symmetry.

*Computer Lab Monitor*, University computer center

## Summary of Experience with Data Services and Software

### Data Services

**Bloomberg Data License**, allows subscribers to request and download via FTP data items using the same identifiers as the **Bloomberg Professional Service** terminal.

**COMPUSTAT**, a service of Standard & Poor Corporation

Provides accounting and financial data on publically-traded companies.

**CRSP**, Center for Research in Security Prices at the University of Chicago

Prices and price-related data of listed companies in the United States.

**IPUMS USA**, Integrated Public-Use Microdata Series USA

Data from the US Census, through the University of Minnesota: [usa.ipums.org](http://usa.ipums.org)

### Statistical Analysis Packages

#### R, with RStudio

- Later portions of doctoral dissertation on FAS 157 Fair Value Accounting.
- Histograms and analysis for grading courses.

#### SAS 9.1.3

- Earlier portions of doctoral dissertation.
- For econometrics course: Replicated Chin *Journal of Labor Economics* 2005
- For Ph.D. seminar: Replicated Ball and Brown *JAR* 1968.

**SPSS**: Used to complete assignments in a Ph.D. seminar on statistical methodologies

### Languages

#### Transact-SQL (T-SQL)

Microsoft's implementation of Structured Query Language. Wrote stored procedures and views to automate tasks. Used **SQL Server Agent** to schedule tasks.

#### SQL Services Integration Services (SSIS), with Script Task in C#

Created various SSIS packages, some with Script Tasks in C# for various ETL tasks.

#### Java

Web scraping and General Architecture for Text Engineering (GATE), a library for natural language processing (NLP) for a research project on citations in finance.

#### Microsoft Visual C++

Modified example source code to read RMBS libraries provided by Intex.

**Microsoft VB Script** (For a systems integration project): Prompted users for information, connected to a server-based data source, retrieved a machine-specific value, wrote this value to the Windows Registry, and finally started a separate service.

**Python** Explored various libraries, including some for quantitative finance.

#### Unix Scripting (Perl, Tcl, C-shell, Bourne/Korn/Bash-shell)

### Provisioning Technologies

Preboot Execution Environment (**PXE**): runs a small bootstrap applet before OS loads

Dynamic Host Configuration Protocol (**DHCP**): assigns IP address (and other info)

Dynamic Domain Name Service (**DDNS**): registers hostname for meaningful lookups

Lightweight Directory Access Protocol (**LDAP**): database for network access

Active Directory (**AD**): Microsoft's implementation of LDAP.

