Thomas Underhill
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EDUCATION

Doctor of Jurisprudence (**J.D.**)**,** Thomas Jefferson School of Law. December 2013.

Certificate in Global Legal Studies, Thomas Jefferson School of Law. December 2013.
Study Abroad Program in Nice, France.

Bachelor of Business Administration, Strayer University. December 2006.

ACADEMIC EXPERIENCE

Lecturer, Information Systems Department, School of Business. The University of California, Riverside. April 2019 – Present.

    Courses Taught:

        BUS 171 – Systems Design and Analysis

        BUS 163 – Technology Entrepreneurship

        BUS 101 – Information Technology Management

Lecturer, Management Information Systems Department, College of Business. California State University, San Marcos. January 2018—Present.

    Courses Taught:

        MIS 484-6 – Cloud Management

        MIS 411 – Database Management

        MIS 304 – Principles of Management Information Systems

        MIS 302 – Foundations of Management Information Systems

        MIS 418 – Information Security Management

        MIS 502 – Foundations of Management Information Systems (MBA)

        BUS 203 – Business Writing

    Accomplishments:

- Created new Cloud Management Course
- Authored eTextbook for my Cloud Management Course
- Led the revision of Management Information Systems Department curriculum for core courses
- Revised MIS 411 to eliminate MS Access and replaced with Oracle MySQL and MongoDB. Added substantial course project, which required students to design and implement two different types of databases for a business problem. Added hands-on labs using Cloud-based platforms.
- Revised MIS 302 and MIS 304 to incorporate hands-on labs and a course length project.

    Activities In-Progress:

- Writing a lab manual for MIS 411
- Writing a lab manual for MIS 304 and MIS 302

Lecturer, Electrical and Computer Engineering Department, College of Engineering. The University of California, Riverside. April 2018 – June 2019.

> Courses Taught:
>> EE 003 – Electronics, Smartphones, and Mobile Internet
>> EE 010 – Introduction to Electrical Engineering
>
> Accomplishments:
> - Created new curriculum for EE 003, transforming a service course with low enrollment into a high-demand course for non-engineering majors. My curriculum introduced students to programmable circuits using Arduino, virtual reality using Oculus, robotics, and a variety of other technologies.
> - Won a $3000 grant for eliminating the textbook in EE003. This grant was used to purchase classroom Arduino kits, Oculus Go, Robots, and Google Cardboard devices.
> - Coordinated industry guest speakers from UCR Alumni, Advisory Board Members, and industry professionals.

Adjunct Assistant Professor, the Graduate School, University of Maryland, Global Campus. October 2016 – Present.

> Courses Taught:
>> ITEC 640
>> CCA 610
>> CCA 620
>> CCA 640
>> CC 605x
>> CC 607x
>
> Accomplishments:
> - Created the first two courses for the MS in Cloud Computing Architecture Program
> - Created two massive open online courses (MOOC) on the edX platform for the University System of Maryland

PROFESSIONAL EXPERIENCE

> Founder and CEO, Geekdom Labs, Inc. December 2018 to Present.
> Senior Director, Oracle Corporation. September 2014 to November 2018.
> Director, Everyone Counts, Inc. October 2012 to August 2014.
> Sabbatical. June 2012 to October 2012.
> Director, OpenMarket, Inc. February 2012 to June 2012.
> Senior Manager, Active Network, Inc. May 2009 to February 2012.
> Technical Architect, PayPal, Inc. April 2008 to May 2009.
> Technical Architect, eBay, Inc. April 2008 to May 2009.
> Programmer/Analyst III, the University of California, Riverside. January 2007 to April 2008.
> Engineering Leader, EDS (HP Enterprise). May 2001 to July 2007.
> DevOps Manager, MyHomeKey.com. April 2000 to May 2001.

Operations Leader, EDS (HP Enterprise). May 1999 to April 2000.
Architect, Mastech at EDS/Hitachi Data Systems. May 1998 to May 1999.
Customer Service, First Virtual Holdings. October 1997 to May 1998.

PUBLICATIONS AND RESEARCH
U.S. Patent 15/681,084 "Associating Voting Sessions With Tabulation Machines in Electronic Voting"

In-Progress:

Paper on Data Privacy with Dr. Yi Sun (Full Professor at CSU San Marcos) as the co-author.

SPEAKING ENGAGEMENTS
- **United States Patent Office Delegation, Oracle R&D Headquarters, Santa Clara, CA. June 2018.**
- **Guest Speaker, Undergraduate Business Student Association (UC Riverside)**
- **Guest Speaker, Latino Undergraduate Business Student Association (CSU San Marcos)**
- **Guest Speaker, Management Information Systems Society (CSU San Marcos)**

PROFESSIONAL SERVICE
Department Service
- **Led curriculum revision initiative for core classes (CSU San Marcos)**

College Service
- **Member, Board of Advisors for the Department of Electrical and Computer Engineering in the College of Engineering at UC Riverside**

University Service
- **Senator, CSU San Marcos Academic Senate (AY19-20)**
- **Led workshop on emerging classroom technologies (CSU San Marcos)**