IAN ULERY

EXPERIENCE

IT Manager
September 2014 – Present
BGI, Ventura County, CA

- Implementation and maintenance of Ruby on Rails and iOS (Swift) line of business applications, deployed to a Docker/Dokku/Ubuntu LTS production environment.
- Provisioning and administration of VMware ESXi/vSphere server infrastructure, hosted Windows Server and Linux virtual machines, and hybrid Microsoft Azure environment.

Vice President, Technology
September 2014 – April 2020
Thompson Capital, Los Angeles, CA

- Principal development of native iOS, Android, and web applications, personally implementing more than 4,000 substantive commits in languages including Ruby, Swift, Kotlin, Objective-C, and JavaScript.
- Implemented and deployed AI model for search metadata augmentation utilizing Python, Keras, and TensorFlow.

Programmer Analyst III
June 2011 – September 2014
University of California, Los Angeles, CA

- Received a STAR award for individual contribution based on exceptional creativity and technical performance in developing an online video streaming platform.
- Lead development of a Ruby on Rails web application using behavior-driven development (Cucumber, RSpec) and agile methodologies.
- Shared administration of more than 100 Linux and Windows servers.

Software and Computing Systems Undergraduate Student
April 2009 – June 2011
NASA Jet Propulsion Laboratory, Pasadena, CA

- Received a NASA Team Honor Award for outstanding achievement in delivering Engineering Communities of Practice for knowledge sharing across NASA as part of the NASA Engineering Network.
- Presenter at the 2011 JPL Open House.
- Designed and implemented v1 of the NASA/JPL Space Images iPad application.
- Implemented version 2 update of the NASA/JPL Space Images iPhone application, with more than 1 million downloads.
- Developed J2EE and JSR-168 compliant portlets to extend functionality of Vignette Portal.
- Developed JSR-168 compliant portlets leveraging the Java Spring Portlet MVC framework to extend functionality of Liferay Portal.

Web Application Developer (Work-Study)
October 2008 – April 2009
University of California, Los Angeles, CA

- Extended functionality of previously developed web-based employee vacation accrual and tracking system.

Software Engineer (Intern)
AT&T Interactive, Glendale, CA

June 2008 – October 2008

- Designed and implemented prototype of a location-based mobile search app for iPhone, utilizing a Ruby on Rails web service layer and iPhone geolocation functionality. The released app was selected as a *New York Times* App of the Week, and was featured by technology blogs including Gizmodo.
- Developed internal quality analysis tools and vertical search portals utilizing Ruby on Rails, as part of AT&T Interactive's Research and Development group.

Web Application Developer (Work-Study)
University of California, Los Angeles, CA

October 2007 – June 2008

- Developed a web-based employee vacation accrual and leave tracking system utilizing Microsoft VB .NET, SQL Server, and IIS, saving 190 administrative work hours each year.

Associate Web Developer (Intern)
QAD, Inc., Carpinteria, CA

August 2007 – October 2007

- Developed an online advertisement delivery web-application to provide targeted ad placement with centralized campaign management for QAD's websites.
- Designed and developed an intranet website for information related to the company's flagship product, in collaboration with team members in Antwerp, Belgium and Tokyo, Japan.

EDUCATION

University of California, Los Angeles
Bachelor of Science, Cognitive Science, Specialization in Computing (GPA 3.24)

June 2011

AWARDS AND HONORS

- NASA Team Honor Award
- JPL Bonus Award
- UCLA STAR Award
- National SMART Grant
- Orfalea Foundation Scholarship
- Daniel and Anne Hawkes Memorial Scholarship
- Philip and Frances Carpel Scholarship
- Santa Barbara Host Lions Club Scholarship

ACTIVITIES

- UCLA Association for Careers in Technology - Corporate Planner (2007–2009)
- UCLA Club Tennis (2005–2011)