Brandon Daniel Lim

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Education

University of California, Irvine	**Graduation: March 2016**
Bachelor of Science in Computer Science	Dean's Honor List: 7 Quarters
Bachelor of Science in Business Information Management	GPA 3.61

Relevant Coursework: Design and Analysis of Algorithms, Data Structure Implementation and Analysis, Concepts of Programming Languages I, Statistical Methods for Data Analysis, Information Retrieval, Advanced Computer Networks, Graph Algorithms

Technical

Languages: Proficient in Python, C++, Java and SQL; Basic in Objective-C, Swift, HTML, CSS and JavaScript
Technologies: Flask Framework, MySQL Database, Git Version Control, and Amazon Web Services

Work Experience

Software Development Engineer Intern   *Amazon Web Services*   June 2015 – September 2015

- Developed Elastic Beanstalk application in Python to automatically monitor Docker Hub Availability across all Amazon Web Service regions, increasing our coverage by 900% and saving $80+ per month
- Created a JSON Service model for pushing metrics to an internal service from EC2 through Boto3
- Implemented a pipeline for staging CloudFormation stack deployments using internal builder tools

Undergraduate Research Assistant   *University of California, Irvine*   September 2014 – June 2015

- Leveraged AsterixDB to process 5 million tweets to display concentrations of health risk in a spatial area
- Cleaned and parsed 15 GB of record files into a central dataset for AsterixDB ingestion using Java

Undergraduate ICS Lab Tutor   *University of California, Irvine*   October 2014 – December 2014

- Tutored undergraduate students in data types, data structure implementation and algorithmic analysis
- Helped students understand and debug C++ programs, improving their object-oriented programming

Projects and Awards

Craft   *Autism App Jam*   April 2015

- Won Honorable Mention – Web application that provides autistic adults with career suggestions
- Worked with ASP.NET and Bootstrap to create user-friendly web interface for personal assessments

Panda   *UCI Med App Jam*   October 2014 – November 2014

- Won Most Innovative Application - Tremor tracking application that utilizes the iPhone accelerometer
- Worked with Objective-C, XCode, and GitHub to develop functionality for medication reminders

SymTrack   *UCI Med App Jam*   October 2013 – November 2013

- Symptom tracker iPhone application for tracking symptoms by leveraging calendars, notes, and charts

Leadership

Head Director   *Southern Young Tigers (UCI)*   June 2014 – June 2015

- Managed and mentored a team of 20+ people to provide 20+ quality traditional performances to our clients
- Negotiated with clients to raise $4,000+ in revenue, an increase of 300% from the previous year