



Yoav Zimmerman

Education

2012–2016 **Computer Science B.S.**, *Univeristy of California at Los Angeles*.
Summa Cum Laude, GPA: 3.77

Work Experience

- June 2015 - **Software Engineering Intern**, *Google Research*.
Sept 2015
 - Developed a semi-supervised learning pipeline to expand clusters of Google Play Apps
 - New clusters improved Cluster Acquisition Rate by 4% on average
 - Technologies: C++, MapReduce
 - Reference: Venky Ramachandran, Software Engineer: venkyr@google.com

June 2014 - **Software Engineering Intern**, *Quixey*.
Aug 2014
 - Implemented and shipped a new public HTTP service endpoint
 - Improved performance and fixed bugs in legacy code as part of the API Team
 - Technologies: Python, Flask, SQLAlchemy, MongoDB, Amazon EC2
 - Reference: Konstantin Novoselov, Sr. Software Architect: konstantin@quixey.com

July 2013 - **Software Engineering Intern**, *Quixey*.
Dec 2013
 - Developed a robust and custom TB-scale web scraper with a team
 - Researched and implemented a data transformation pipeline utilizing an ETL model
 - Technologies: Python, Java, XSLT/XPath, RDF/SPARQL, Heritrix, Apache Jena
 - Reference: Liron Shapira, CTO: liron@quixey.com

Technical Skills

Languages Python, C++, Javascript, Java, Objective C, HTML/CSS
Technologies UNIX/Linux, MongoDB, SQL, Flask, Node.js, Amazon EC2, git
Conceptual Object-Oriented Design, MVC, Databases, Web Crawling, Machine Learning

Recent Projects

For a full list, see my github profile!

- April 2016 **Music Language Modeling**, http://yoavz.com/music_rnn_paper.pdf.
 - Trained a Long Short-Term Recursive Neural Network (LSTM RNN) on a dataset of 650 MIDI files.
 - Used network to generate original musical sequences at http://yoavz.com/music_rnn
 - Technologies: Python, tensorflow, amazon ec2