

Saketh Ram Kasibatla

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Education

University of California, Los Angeles

Los Angeles, CA

Bachelor of Science in Computer Science; GPA: 3.75

Expected June 2016

- **Courses Taken:** Operating Systems, Programming Languages, Algorithms, Networking, Databases, AI

Skills

Technologies: Strong: HTML5, CSS3, Javascript, C/C++, Java, Android, Python, GDB, Make, Haskell, Linux, Lisp

Familiar: OCaml, Node.js, BASH

Proficient: x86, x86-64, PHP, MSDOS, Subversion, OpenMP, CUDA

Computer and OS: Windows, Linux/Unix (Arch Linux, Ubuntu, OpenSuse)

Areas of Interest: Artificial Intelligence, Networking, Design

Work Experience

Freelance

Los Angeles, CA

Web Developer

September 2014 – Present

- Work with a partner and several doctors to setup websites for allergy awareness and dissemination of accurate information

At The Pool

Santa Monica, CA

Intern

January 2014 – Present

- Social networking startup that has raised over 1 Million dollars in Venture Capital
- Wrote endpoints for python backend, administrative frontends
- Wrote and architected the android version of 'Yeti', an app which uses social networking to bring local awareness

Qualcomm Inc.

San Diego, CA

Intern

June 2013 – August 2013

- Worked in the SIM card software team to aid in development of a SIM card toolkit.
- Created generic library which parses both XML and C code in order to populate C structures.
- Worked on improvements to large(100000+ lines) code base.

Research Experience

Professor Todd Millstein

UCLA, Los Angeles, CA

Research Assistant

September 2013 – Present

- SPA: a tool to programmatically analyze network protocol implementations for interoperabilities using symbolic execution
- Applying SPA to several implementations of BitTorrent in order to discover non-interoperabilities

Projects

Talking Without Borders: An app that utilizes a LeapMotion controller to recognize basic sign language

Linkshare: A simple web application with a backend written in Clojure and a frontend written in HTML5/CSS3/JS, which can be used to share links over the internet

WIME: An app that allows a raspberry pi to share speakers over wifi. Won the first Qualcomm intern hackathon.

Conway's Game of Life: An implementation of Conway's Game of Life, a well known cellular automaton, written in C++ using sdl

Project Euler Solutions: solutions to several programming problems on the website projecteuler.net written in Common-LISP, x86-64 assembly and haskell.

Data Structure Implementations: Implementations of various data structures such as linked lists, hash maps, and trees in the C language