

Ankush Agrawal

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Education

UC SAN DIEGO

B.S. Computer Science
Class of 2016
Minor: Business
GPA: 3.5

TECHNICAL SKILLS

Proficient With:

JAVA, Python, Objective-C, Swift
Scala, SQL, VB.NET

Familiar With:

C, C++, Ruby, Haskell, ASP.NET,
JavaScript, HTML, CSS

PUBLISHED APPLICATIONS

Platelist – ETA Nov 2014
Jackit – ETA Nov 2014

LEADERSHIP AND ACTIVITIES

Hackathon Lead

Attended several hackathons and
have served as team lead for all.

This entails breaking down a
software project, managing diverse
teams, and inspiring persistence
through grueling hours

Reality Changers Room Advisor

Work closely with under-privileged
students who are aspiring to be the
first in their families to attend college

RELEVANT COURSEWORK

Design and Analysis of Algorithms
Algorithms & Systems Analysis
Advanced Data Structures
Software Engineering

NON-CERTIFIED COURSEWORK

Machine Learning

Learning From Data (2014) – Caltech
Machine Learning (2014) – Stanford

Financial Markets

ECON 252 (2011) – Yale

INTERESTS AND HOBBIES

Mobile Development
Ultimate Frisbee
Running

Oct 2014 – Present

June 2014 – Present

June 2013 – Sep 2013

Oct 2013 – Present

June 2012 – Aug 2012

June 2011 – Aug 2011

October 2014

August 2014

June 2014

August 2013

November 2013

October 2014

May 2014

April 2014

June 2014

EXPERIENCE

PredictionIO | Facebook Open Academy

- Developing a machine learning engine to make decisions on stock market transactions
- Contributing tutorials and code resources to the open source community (<http://prediction.io>)

Programmer Analyst Intern | Boeing | Long Beach CA

- Optimized a SOAP web service for printing barcodes using asynchronous requests to be able to process 45000% more requests per minute.
- Lead a team of 4 interns in development of a video conferencing application on Kopin Golden – I headsets

- Developed and deployed a configurable data collection application for MC9090 scanners using VB.NET
- Interfaced with customers and managers to determine requirements for custom software solutions

Computer Science Tutor | UC San Diego | La Jolla CA

- Lead Data Structures and Algorithms discussion
- Lead Software Tools and Techniques Labs
- Assist students with Programming Assignments

Operations Associate | Georg Fischer | Tustin CA

Vendor Relations Associate | Rockwell Collins | Tustin CA

COMPETITIONS & SIDE PROJECTS

Splash | Top 10 – CalHacks | iOS Application

(<https://github.com/ankushagrawal94/BLEChat>)

Developed a BLE wireless mesh network that enables P2P communication without the use of cellular data or Wi-Fi connectivity

GitHub Data Challenge | Github.com

(<https://github.com/ankushagrawal94/TheHackerNewsBump>)

Collected 350GB of data from GitHub and HackerNews to then analyze and determine the effectiveness of HN as a tool for gaining momentum on GitHub

Dine | 1st place | iOS Application

(<https://github.com/ankushagrawal94/Dine>)

Led 10 students in developing an iOS application that utilizes AppLinks and iBeacon Technology to revolutionize the dining experience of restaurant goers

The Hunger Games | Brilliant.org

(<https://github.com/ankushagrawal94/HungerGamesCompetition>)

Led a 3-person team in developing an algorithm to solve an iterative infinite prisoners dilemma scenario

WIC Programming Competition | 2nd Place | UCSD

HACKATHONS

Cal Hacks | Top 10 | Winner of 2 Sponsor Prizes

(<http://challengepost.com/software/splash>)

UCSD Entrepreneurial Hackathon | 2nd Place

(<http://github.com/ankushagrawal94/FrugalFriends>)

LA Hacks (<http://github.com/ankushagrawal94/jackit>)

UCI Hacks (<http://feelemotionall.com>)