

Ankush Agrawal

A 20320 Via Sanlucar, Yorba Linda CA 92887

E ankushagrawal94@gmail.com

W <http://ankushagrawal.com>

C (714) 276 4739

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

C++, SQL, VB.NET

Familiar With:

Ruby, ASP.NET, JavaScript

HTML, CSS

PUBLISHED APPLICATIONS

Jackit – ETA Sept 2014

Stock+ Widget – ETA Sept 2014

LEADERSHIP AND ACTIVITIES

Hackathon Lead

Attended several hackathons and have served as team lead for all of them. 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 high school students to guide them towards attending a 4-year university through academic mentoring

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

Financial Markets

ECON 252 (2011)

Yale University

INTERESTS AND HOBBIES

Ultimate Frisbee

Running

iOS Development

PROFESSIONAL EXPERIENCE

June 2014 – Present

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 interns in development of a proof of concept for an Android wearable device

June 2013 – Sep 2013

- Developed and deployed applications for Windows Mobile Scanners using VB.NET
- Interviewed user groups to determine requirements for a Windows Mobile application
- Created ASP.NET server pages to access data on mobile and desktop devices

Oct 2013 – Present

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

June 2012 – Aug 2012

Operations Associate | Georg Fischer | Tustin CA

June 2011 – Aug 2011

Vendor Relations Associate | Rockwell Collins | Tustin CA

COMPETITIONS & SIDE PROJECTS

August 2014

GitHub Data Challenge | Github.com

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

I analyzed HackerNews upvotes and GitHub stars to draw a conclusion regarding the effectiveness of HN as a tool for gaining momentum on GitHub

August 2014

Stock+ Widget | iOS Application

With the advent of iOS 8, widgets became available on iPhones and the Swift programming language was released. I utilized these new technologies to make a widget that tracks your current stock portfolio in real time.

June 2014

Dine | 1st place | iOS Application

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

Led 10 students in developing an iOS application

Utilized AppLinks and iBeacon Technology

Won 1st place by popular vote against 190 others

August 2013

The Hunger Games | Brilliant.org

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

Worked in a 3-person team to develop an algorithm to solve an iterative infinite prisoners dilemma scenario.

November 2013

UCSD WIC Programming Competition | 2nd Place

Placed 2nd in a Facebook sponsored partner algorithm competition at UC San Diego.

HACKATHONS

May 2014

UCSD Entrepreneurial Hackathon | 2nd Place

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

April 2014

LA Hacks

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

June 2014

UCI Hacks

(<http://feelemotionall.com>)