

Gavy Aggarwal

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Pasadena, CA

EDUCATION

California Institute of Technology

SEPTEMBER 2014 - PRESENT — PASADENA, CA

Bachelor of Science, Computer Science

Expected Graduation in June 2018

3.6 GPA

EXPERIENCE

Microsoft, Program Manager Intern

SUMMER 2016 — REDMOND, WA

Developed functional specifications and UI mockups for an extensible feedback service in LCS for Microsoft Dynamics AX hotfixes

Collaborated with engineering, user experience, content, and legal teams to maximize scope and usability of the feedback service

Assisted developer in implementing service by creating tasks and deliverables, performing code reviews, and providing prototypes

Google, Engineering Practicum Intern

SUMMER 2015 — MOUNTAIN VIEW, CA

Developed a category mapping system and updated the backend ad serving flow to pass app category using C++, Protobuffers, and BigTable

Implemented a new mobile ad format template that presents additional information using Java and Google's proprietary rendering language

Submitted over 1500 lines of code to the Google3 code base

dyli, iOS Development Intern

SUMMER 2014 — NEW YORK, NY

Developed dyli iOS app using Xcode, Objective C, and Storyboards from MVP stage to Version 1 release

Used Parse, Google Analytics, and Appsee libraries to track user metrics

Improved performance on limited hardware and poor networks by reducing size of data downloaded and implementing caching

University of Delaware, Electrical Engineering Intern

SUMMER 2012 — NEWARK, DE

Programmed microchips in C to respond to optical and radio sensors

Designed and built a robot vehicle that finds and moves towards the source of a wireless access point

PROJECTS

iTransfer iOS App

OCTOBER 2011 — DECEMBER 2013

Bluetooth file transfer app written in **Objective C** with over **500,000 downloads** on iTunes

Anonymous Email

OCTOBER 2013 — JUNE 2014

Android app that modifies email headers made with **Java, node.js, PHP, & MySQL**

AWARDS

Bluemixathon 1st Place

IBM — FALL 2015

Built a disaster recovery app that placed 1st in the IBM Bluemix Hackathon and 2nd in the trnql Hackathon

WWDC Student Scholar

APPLE — 2013 & 2014

Among the top 150 students selected to attend Apple's annual Worldwide Developers Conference

1st Place in Cyber Aces

CYBER ACES FOUNDATION — 2013

Ranked 1st in the US for a government-operated cyber security competition