

Shubha Swamy

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EDUCATION

University of Colorado Boulder | B.S. Computer Science & Minor in Economics

Expected Graduation: May 2020

Relevant Coursework: Linear Algebra, Data Structures, Discrete Structures, Computer Systems, Software Dev., Algorithms, Data Mining, Intermediate Macroeconomics and Microeconomics, Statistics w/ CS Applications

Mission San Jose High School | June 2016 | High School Diploma

Relevant Coursework: AP Computer Science, AP Calculus AB, AP US History, AP Chemistry, AP Physics 1

EXPERIENCE

Sochat | Intern

San Francisco, CA June 2016 – August 2016

- Generated multiple cost-efficient marketing campaigns that targeted smartphone users and market research regarding the younger generation's tech habits and formulated a variety of potential new features for app improvement based on user research.

knodemy.com | Summer Intern

Livermore, CA June 2015 – September 2015

- Created the curriculum and a companion website (with a team of 3) to teach how to code for the Hour of Code national initiative <http://hourofcode.knodemy.com/javascript/>
- Taught introductory level HTML, CSS, JavaScript, Scratch in live and virtual classrooms to K-8 students.

RECENT PROJECTS

Boulder Crime Data Explorer | T9 Hacks January 2018

- Used open source data on crime provided by the Boulder government to build a website that allows people to explore crime statistics and information in Boulder, CO. Integrated D3.JS, Bootstrap, Mapbox API. <http://bouldercrime.info/>

Mama | Chimehack 4 June 2017

- Created a platform that helps young mothers in refugee camps ask confidential questions about their health through SMS to certified volunteers and professionals who can provide answers to them through a web based chat platform. Featured in Cosmopolitan <http://bit.ly/2ssQg5i>.

Recently Played July 2017

- A web app that gets information about the latest played song from my Spotify account using LastFM's Rest API. Integrated this feature on my personal website.

shubhaswamy.com May-July 2017

- Created a personal website using JS, Bootstrap, HTML, CSS. Integrated API's & Google Analytics.

Twitter Sentiment Analysis| CSCI 1310 Project| December 2016

- Took keywords from one week worth of tweets from Nov. 2016 and used sentiment analysis to map out trends by state on US map.

VendorMe | OutsideHacks August 2017

- Created an app using React Native to help connect promotions by vendors at music festivals to music festival goers for Outside Lands.

ACTIVITIES

Twitter| #DevelopHER June 2018

- One of the < 3% of applicants selected to attend two day event at Twitter HQ for aspiring software engineers.

Hack CU | Director of Logistics October 2016 – Present

- Organize CU Boulder's annual hackathon (600+ hackers from across the world) and other events to support the hacker community at CU.
- Reach out to potential sponsors, help with event logistics, help maintain website, create marketing strategies to increase participation. <https://hackcu.org>

SPECTRA | Hacker Experience January 2018 – Present

- Organize women's hackathon in silicon valley in summer 2018. Focus on hacker experience at events. <http://sospectra.com>

CU Women in Computing | SLC Rep. August 2017 – Present

- Organize meetings and other technical events
- Work with the engineering school to host outreach and networking events to increase minority participants in CS. <http://wic.cs.colorado.edu>

NCWIT | Aspirations in Computing Community Member May 2016 – Present

- Attend various events & technical workshops hosted by NCWIT.

Rewriting the Code | Fellow November 2017 – Present

- Selected as a fellow for the 2018 cohort among other high achieving college females in tech

She++ | Member September 2016 – Present

- Mentor high school girls interested in pursuing CS

CU VR & AR | Member September 2017 – Present

- Attend various workshops and events hosted by the club. Learn how to build apps with virtual and augmented reality.

TEDxMSJHS | Tech Team January 2014 – May 2016

- Organize TEDx talks at high school by inviting influential speakers from Bay Area.
- Manage event logistics, and co-editing raw video footage for publication on the official TEDx Talks YouTube channel.

TECHNICAL SKILLS

Proficient: C++, Python, HTML /CSS, Git

Familiar: SQL, JavaScript, Java, R, MATLAB, C

Learning: React Native, Angular, Docker, Flask, React

AWARDS

Google Games 2nd Place

Google Boulder May 2018

Global Citizenship by Kleiner Perkins (KPCB)

Chimehack4 June 2017

Other: AP Scholar with Distinction (2016), National Merit Commended Scholar (2015), AP Scholar Award (2015)