

# Suhit Agarwal

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## EDUCATION

University of Southern California: B.Sc. in Computer Science and Engineering

January 2020–Present

Arizona State University: Coursework - Computer Science (Software Engineering)

August 2019–December 2020

- Major GPA: 4.0, Cumulative GPA: 3.81
- Honors: Dean's List (2), New American Scholarship

## SKILLS

- **Languages:** Java, C, C++, Python, SQL, JavaScript, TypeScript, Linux Shell, HTML5, CSS3
- **Web/Mobile Development Frameworks:** React, Bootstrap, TailwindCSS, React Native, Firebase
- **Creative Tools:** Photoshop, Dimension, Illustrator, Premiere Pro, Xd, Animate, After Effects, FramerX, Canva
- **Other:** Google Suite, Microsoft Office

## WORK EXPERIENCE

Head of Web Development, The Code Café

August 2020–Present

- Managed web development at a non-profit aiming to introduce students in middle school to Computer Science via online workshops in association with schools.
- Hosted workshops for over 400 middle school students so far.
- Created content to be displayed in virtual workshops in schools.
- Conceptualized website from scratch with **HTML**, **CSS**, **JavaScript**, and **Firebase**. Live at [thecodecafe.dev](https://thecodecafe.dev).

Tutor, Self Employed

August 2017–Present

- Taught several students to achieve higher grades in various science and math related curricula.

## PROJECTS

Creator, [streamwithfriends.online](https://streamwithfriends.online)

February 2021–Present

- Singlehandedly created, designed, developed, and currently marketing an app that lets users make video calls and watch YouTube videos in sync with each other.
- Designed, developed, and deployed the app for Web using **TypeScript**, **React**, **Next.js**, **node.js**, **Rust**, and **socket.io** with latest recommended security measures implemented. Live at [streamwithfriends.online](https://streamwithfriends.online) soon.

Game Development, Founding Hackers

October 2020

- Created a game using **C#** and **WebGL in Unity** and presentation website alongside a group of five people.
- Presented the game at NASA Space Apps and Ludum Dare simultaneously. Live at [founding-hackers.github.io](https://founding-hackers.github.io).

Co-Founder, Voc-AB

June 2020–Present

- Developed an application for Android in a team of five utilizing **React Native** and **Firebase** with real-time sync between all devices. The app aims to improve users' general vocabulary.
- Updating, adding new features to, and currently marketing the app. Live at [voc-ab.com](https://voc-ab.com) with over 100 active users.
- Prototyping and wireframing using **FramerX**.

## LEADERSHIP AND INVOLVEMENT

- Volunteer at [schoolhouse.world](https://schoolhouse.world).
- Member of DSC, Linux User Group, AI and Electric Car club at USC and ASU.
- Volunteered at The Friends of The Tempe Public Library.
- Led nature club as treasurer, and co-founded business club at high school and coordinated events for both clubs

## HONORS AND AWARDS

- **Google Fundamentals of Digital Marketing Course Completion Certificate**
- **Devils Invent:** Runners-up for the Summer 2020 edition hosted in June of a university-wide hackathon at Arizona State University for constructing a crowd detection solution to curb the impact of the COVID-19 virus powered by crowdsourced information. Press release [here](#).
- **HackerRank:** Certified in Java and Python, six stars in Problem Solving, five stars in Java, Python, C, C++, and SQL, completed Linux shell problem set.
- **LinkedIn Assessments:** Passed assessments in Java, C, Python, and SQL
- **CS50 Puzzle Day 2020 September:** Solved entire packet of 8 puzzles developed by Facebook and presented by Harvard University