

# Vir Bedi

Millbrae, CA | Website: [virbedi.github.io](https://virbedi.github.io) | Email: [virmbedi@gmail.com](mailto:virmbedi@gmail.com)

## EDUCATION

### University of California, Santa Barbara

Santa Barbara, California

Bachelor of Science in Computer Science | Senior

Expected 12/2020

- **Awards:** Suzan Duckworth Scholarship for Academic Excellence
- **Relevant Coursework:** Algorithms and Data Structures; Object Oriented Design and Implementation; Android Application Development; Programming Methods C++; Object Oriented Program Design (Java); Computer Architecture; Discrete Math; Differential Equations; Compilers; Artificial Intelligence; Computer Graphics.

## PROJECTS

- Waveform Calculator – Given a single song, it compares its waveform characteristics to a dataset of 300 songs and returns the 10 most similar songs. - 05/2020
- IceBreaker Games – Android multiplayer game where users can add friends and compete against one another in mini games. Using Android Studio. - 10/2019
- When2Meet – Web App based on Python Flask framework, using PostgreSQL, TravisCI continuous integration, unique link generation. Hosted on Heroku. - 01/2019

## EXPERIENCE

### Vida Health

San Francisco, California

iOS Development Intern (Summer 2020)

06/2020 to 09/2020

Software Engineering Intern, Enterprise Infrastructure Team

06/2019 to 09/2019

- Improved backend security by replacing Django login with Single Sign On (SSO) using SAML2.
- Added functionality to unlock user accounts after multiple incorrect password attempts.
- Implemented Split.io experiment client functionality to Django backend server.

### FitFetti Inc.

San Francisco, California

Product Development Intern

06/2018 to 08/2018

- Helped develop new version of FitFetti app which offers incentives for getting active.
- Created webpages and app screens including social media integration into website.
- Created user surveys and gathered feedback for improving app functionality.
- Took part in pitch competitions and fundraising meetings.

### College of San Mateo

San Mateo, California

International Student Ambassador

01/2017 to 05/2018

- Assisted CSM's 700+ international students adjust to life in the U.S. and doing administrative work for the department.
- Organized 7 college festivals and events to showcase diverse cultures such as the CSM Annual World Gala with 250+ attendees.

## TECHNICAL SKILLS AND ACTIVITIES

Languages: Java, C++, Python, HTML, XML, LaTeX, Swift

Frameworks: CSS, JUnit, TravisCI, Flask, Django, UIKit

Others: Android Studio, XCode, Firebase, Heroku, Git, Eclipse, Agile, Jira

Other Languages: Fluent in Hindi