

Vir Bedi

Website: virbedi.github.io | Email: virmbedi@gmail.com | Millbrae, CA

EDUCATION

University of California, Santa Barbara

Santa Barbara, California

Bachelor of Science in Computer Science | Senior

Expected 12/2020

- Suzan Duckworth Scholarship for Academic Excellence
- Phi Theta Kappa Honor Society

PROJECTS

- Productiv – iOS Productivity app that lets users organize and schedule tasks, write and categorize notes and set time-blocking timers to boost productivity. - 08/2020
- Waveform Calculator – Python application that takes a song and compares its waveform characteristics to a dataset and recommends similar songs using my own beat tracking and wave feature algorithm implementations. - 05/2020
- Light Field Camera – C++ application that simulates the focus of a camera with variable focal length and renders 3D scenes with a depth of field blur. - 12/2019
- Visit virbedi.github.io for more projects and information.

EXPERIENCE

Vida Health

San Francisco, California

iOS Development Intern, Member Experience Team

06/2020 to 09/2020

- Working on Vida's iOS Application, using Programmatic layouts, UIKit and CocoaPods.
- Implemented new content browsing and showcasing feature with custom animations, navigation using GraphQL.

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

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

College of San Mateo

San Mateo, California

International Student Ambassador, Center for Global Engagement

01/2017 to 05/2018

- Organized 7 college festivals and events to showcase diverse cultures such as the CSM Annual World Gala with 250+ attendees. Assisted the department with administrative work.

TECHNICAL SKILLS AND ACTIVITIES

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

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

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

Coursework: Algorithms and Data Structures; Object Oriented Design; Android Application

Development; Programming Methods in C++; Computer Architecture; Multimedia Systems; Operating Systems; Compilers; Artificial Intelligence; Computer Graphics.