

# Bobby Dhillon

Career driven Computer Science & Engineering MS student seeking a Software Engineering Internship.

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## EDUCATION

### Computer Science & Engineering, M.S., UC Santa Cruz

SEP 2019 - CURRENT

GPA: 3.66

### Computer Science, B.S., UC Santa Cruz

SEP 2017 - JUNE 2019

GPA: 3.82

Highest Honors in the Major and University Honors.

## WORK EXPERIENCE

### Software Engineering Intern, Juniper Networks

JUNE 2020 - CURRENT

Analytics, Telemetry, Orchestration, and Management (ATOM) platform.

### Software Engineering Intern, Arista Networks

JULY 2019 - SEP 2019

Designed and implemented an infrastructure for debugging Cloud Vision Portal components for internal and external use in Go. Utilized Kubernetes, Zookeeper, and Docker. Reduced debugging time by 20%.

### Software Engineering Intern, egig, inc.

SEPT 2018 - JUNE 2019

Developed features for an Android application in Java, an iOS application in Swift 4, and a web application in Vue.js.

## OTHER EXPERIENCE

### Teaching Assistant, Baskin School of Engineering

MARCH 2020 - JUNE 2020

Teaching Assistant for CSE20: Beginning Programming in Python.

## PROJECTS

### WedgeDB

A semi-distributed, p2p key-value store that was used for my Senior Thesis.

UpVoice: <https://upvoice.app/>

A crowd-funding assembly application in iOS, Android, and Web.

### P2P Chat

A peer-to-peer iOS and Android messaging application.

## PROGRAMMING LANGUAGES

C/C++

Python

Java

Go

Bash

## IDEs and Text Editors

Visual Studio Code

XCode

IntelliJ

## COURSEWORK

Data Structures in C++

Algorithms and Abstract Data Types

Analysis of Algorithms

Comparative Programming Languages

Probability Theory

Computer Architecture

Advanced Programming

Operating Systems

Software Engineering

Discrete Math

Management of Tech

Information Theory

Data Mining

## INTERESTS

Scratch DJing

Pen Art

Hiking