

# Ashna Chandra

Saratoga, CA 95070 | (408) 857-7833 | ashnacha@usc.edu |  
linkedin.com/in/ashnachandra

## Education

### University of Southern California, Viterbi School of Engineering

*Bachelor of Science in Computer Science*

**Los Angeles, CA**

*Expected May 2022*

- GPA 3.7/4.0 (Dean's List)
- **Coursework:** Intro to Programming (C++), Data Structures (C++), Discrete Methods in Computer Science, Principles of Software Development (Java), Algorithms

## Skills

**Programming Languages:** Java, C++, Python, HTML, CSS, Javascript, SQL

**Technologies:** Github, Tableau, Snaplogic, Snowflake, Squarespace

## Work Experience

### Pure Storage

*Data Services Intern*

**Mountain View, CA**

*Summer 2020*

- Developed ETL pipelines to automate data consumption and integration using Snaplogic, client APIs, webhooks, PostgreSQL
- Designed database schemas for scalable business reporting
- Provided actionable insights on response rate and CSAT score using Tableau dashboards to company leadership

### Virsec Systems, Inc.

*Software Engineer Intern*

**San Jose, CA**

*Summer 2019*

- Created a multi-framed user interface to drive, manage, and display data collected by Virsec's Automated Topology Extraction product, which extracts application information from servers
- Utilized Python's Pandas library and multi-threading to improve display buffering
- Packaged project into MSI and RPM for integration with the rest of Virsec's cybersecurity products
- UI module has been deployed to customers of Virsec

## Personal Projects

### Project Elevate

- Collaborated with black-owned small-business owners to build websites and develop digital profile
- Leveraged Squarespace and full-stack web programming to create websites

**Bay Area, CA**

*Summer 2020*

### Rendezvous

- Built a web application that automates finding available times among a group of people by synching Google Calendars

**Los Angeles, CA**

*Spring 2020*

### AlarmBot

*Athena Hacks*

**Los Angeles, CA**

*April 2019*

- An iOS alarm app that converses with users to ensure they never sleep through another alarm; developed using Swift
- Utilized Apple's SpeechKit and Google's DialogFlow APIs to enhance conversational functionality

## Leadership Experience

### Lean In USC

*Director of Events*

**Los Angeles, CA**

*2019-Present*

- Host and organize weekly panels and workshops, including Women Voices in Tech and Own Your Story
- Grew our network of women leaders by initiating new events that advocate for more female presence in industry

### Scope USC

*Developer*

**Los Angeles, CA**

*2019-Present*

- Learned Flutter and Dart for mobile development to build a prototype for a campus group study application