

# Ashna Chandra

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## Education

**University of Southern California, Viterbi School of Engineering**  
*Bachelor of Science in Computer Science*  
GPA 3.67

**Los Angeles, CA**  
*Expected May 2022*

## Work Experience

### Pure Storage

*IT Data Services Intern*

**Mountain View, CA**  
*June 2020-Present*

- Building ETL pipelines to automate data consumption and integration

### 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

- Helped black-owned small-business restaurant owners build websites and develop digital profile

**Bay Area, CA**  
*June 2020-Present*

### Rendezvous

- A web application that automates finding available times among a group of people by synching Google Cals. *Spring 2020*

**Los Angeles, CA**

### AlarmBot

*Athena Hacks 2019*

**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

### Growth Marketing Consultant - Fernish

*BAEP 469: Growth Hacking - Scaling Startups*

**Los Angeles, CA**  
*Spring 2020*

- Ran A/B tests via Facebook Ads + performed site audits to measure success of their rebranding launch to optimize SEO and click through rates

### Lean In USC

*Director of Events*

**Los Angeles, CA**  
*2019-present*

- Organize weekly events and workshops, including Women Voices in Tech and Own Your Story
- Help create a network of women leaders within USC and promote 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

## Skills & Recognitions

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

**Coursework:** Intro to Programming (C++), Data Structures (C++), Discrete Methods in Computer Science, Principles of Software Development (Java), Algorithms, Growth Hacking: Scaling Startups

**Awards and Recognition:** 2<sup>nd</sup> Place for Best Design at the West Valley Hackathon (2017), USC Dean's List (2019)