

Ashna Chandra

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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: Git, Tableau, Snaplogic, Snowflake, Squarespace

Work Experience

Pure Storage

Data Engineer 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