Ashna Chandra

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Education

University of Southern California, Viterbi School of Engineering **Los Angeles, CA**
Bachelor of Science in Computer Science *Expected May 2022*
- **GPA:** 3.7/4.0
- **Coursework:** Intro to Programming (C++), Data Structures and Object-Oriented Design (C++), Discrete Methods in Computer Science, Intro to Embedded Systems (C), Principles of Software Development (Java), Algorithms

Skills & Recognitions

Programming Languages: Java, C/C++, Python, HTML, CSS, Javascript, SQL
Technologies: Git, Tableau, Snaplogic, Snowflake, Squarespace, MySQL
Awards and Recognition: 2nd Place for Best Design at the West Valley Hackathon (2017), USC Dean's List (2019. 2020)

Work Experience

Pure Storage **Mountain View, CA**
Data Engineering Intern *Summer 2020*
- Developed ETL pipelines to automate data consumption and integration using Snaplogic, client APIs, webhooks, PostgreSQL
- Designed scalable database schemas and integrated Tableau dashboards for business reporting to company executives
- Initiated redesign of data integration workflows to boost response rate; increased company engagement by 30%

Virsec Systems, Inc. **San Jose, CA**
Software Engineering Intern *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 reduce display buffering
- Packaged project into MSI and RPM for integration with the rest of Virsec's cybersecurity products
- Deployed UI module into production and to customers of Virsec

Personal Projects

Project Elevate **Bay Area, CA**
- Collaborated with black-owned small-business owners to build websites and develop digital profile *Summer 2020*
- Leveraged Squarespace and full-stack web programming to create websites

Rendezvous **Los Angeles, CA**
- Built a web application that automates finding available times among a group of people by synching Google Calendars *Spring 2020*

AlarmBot **Los Angeles, CA**
Athena Hacks *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 API to enhance conversational functionality

Leadership Experience

Lean In USC **Los Angeles, CA**
Director of Events *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 **Los Angeles, CA**
Developer *2019-Present*
- Learned Flutter and Dart for mobile development to build a prototype for a campus group study application