# NIKASH NARULA

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**San Francisco Bay Area**

## EDUCATION

**University of California, Santa Barbara** **Grad: June 2022**
- **Bachelor of Science**: Data Science and Statistics
- **Relevant Coursework**: Data Structures and Algorithms, Data Science, Computer Systems, Database Systems, Foundations of Mathematics, Probability

## WORK EXPERIENCE

**Cloud Quality and Reliability Intern –** Zscaler (San Jose, CA) **Summer '20, '21**
- Integrated Gmail, OneDrive, and Sharepoint into the Zscaler cloud access security broker so users could apply security policies to these apps through our portal
- Automated testing of file behavioral analysis engine to find and block zero-day threat
- Used Selenium to write integration tests for web-based security issues. Reduced related Jira bug reports by 17%.

**Software Engineering Intern –** Aruba Networks (San Jose, CA) **Summer '19**
- Helped restructure the architecture of our virtual platform as we pivoted from a legacy physical platform. Improved code maintainability and migrated tests to new platform.

**Software Development Intern –** Aruba Networks (San Jose, CA) **Summer '18**
- Designed and implemented a Python script to efficiently parse and modify schema files for Aruba's network switch OS. Increased parsing speed of configuration files by 42%.
- Used NLP (through Wit.ai) to automatically identify "empty" values in our JSON schema files to either replace them with better default values or flag them for manual review.

## LEADERSHIP

**American Indian Science and Engineering Society** **Sept. '18-March '20**
- Club officer focused on increasing the representation of American Indians in STEM professions. Hosted event to show Native high schoolers what college classes are available and provide mentorship as they navigate the college decision process.

**Soccer Team**
- De Anza Force Soccer Club - Team Captain
- High School Varsity Soccer - Team Captain

## LANGUAGES

- Python
- Java
- R

## TECHNOLOGIES

- SQL
- Version Control
- SAS
- Docker
- REST API
- JSON
- Pytest/JUnit
- JIRA
- Jenkins