

# Kailas Shekar

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## EXPERTISE

**Programming:** Python, CoBOL, Java | **Web Development:** HTML, CSS | **Data Management:** MySQL | **Platforms:** Unix

## PROGRAMMING EXPERIENCE

2017

- Matrix manipulations to simulate Forest Fire and Board Games
- Simulated RNA splicing by traversing through the strand and searching for hairpin formations

## EDUCATION

**Carnegie Mellon University | Bachelor of Sciences, Information Systems | GPA: 4.0**

2021

*Relevant Coursework:*

- **Programming:** Principles of Computing, Fundamentals of Programming, Info Systems Milieu, Intro to Business Systems Programming
- **Math Courses:** Calculus in 3 Dimensions, Integration and Approximation, Statistical Reasoning and Practice, Mathematical Thought from Euclid to Cantor

## STUDENT ATHLETE

- Starter for 7th ranked national team in D III

## Other Experience

**Shark Tank Simulation**, Economics, Saratoga High School, CA

2017

*Product Manager*

- Created a product, TouchPay: idea was to be able to use your fingerprint instead of credit cards
- Product was granted with a fake investment of \$500,000 for 40% of the company

**2016 Presidential Candidate Simulation**, AP Government and Politics, Saratoga High School, CA

2016 - 2017

- Acted as the Presidential Candidate for a Simulation and won
- Led a team consisted of: Spin Doctor, Campaign Manager, and Spokesperson.
- Made advertisements and formulated compelling speeches every week to different states

**Head of Youth Committee**, [VSNA](#), Santa Clara, CA

2014 - 2015

- Organized and increased youth participation at 4 annual social events by incentivizing and delegating to own and execute specific tasks
- Raised over \$1k for [Ekal Vidyalaya](#) by organizing a raffle at a new year's social event

**USTA National Tennis Player**

2006 - 2017

- Consistently ranked top 100 in the nation and top 5 in Northern California
- Selected to play in highest national level tournament "Nationals at Zoo"
- Sponsored by [Head](#) and [Athletic DNA](#)
- Represented Northern California to compete at B14 and B16 Zonal Championships
- Awarded "Key Player" for Northern California at the Zonal Championships

**Saratoga High School Varsity Tennis Team**, Team Captain, Saratoga, CA

2014 - 2017

- Central Coast Section (CCS) Singles Runner-up, Team MVP (17-0 singles record)
- 2014 Central Coast Section (CCS) Team Runner-up

**Vice President**, Barbell Club, Saratoga High School, Saratoga, CA

2015 - 2017

- Co-founded a workout club to encourage recreational and serious athletes to exercise as a group

**Cupertino-Hsinchu city Student Exchange program**, Cupertino, CA

2013

- Selected to represent Cupertino in a student exchange program with sister city - Hsinchu, Taiwan

## INTERESTS

- *Dance & Music:* 2 yrs training, part of Indian & house-coming dance teams in high school, learned Carnatic music
- *Charity:* 100+ volunteer hrs & at age 9 as youngest runner at half-marathon raised \$800 for [Ekal Vidyalaya](#)
- *Sports:* teach tennis and play recreational sports such as football, basketball, badminton and ping pong