

# Kush Patel

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## EDUCATION

University of California, Berkeley, CA  
Bachelor of Science in Computer Science

May 2022 - Present

American River College, Sacramento, CA  
3.92 GPA, IGETC Certification

May 2020 - May 2022

**Relevant Coursework:** CS 61A: Structure & Interpretation of Computer Programs (Python, SQL), CS 61B: Data Structures (Java), DATA C8: Foundations of Data Science (Data Analytics), CS 70: Discrete Math and Probability (Probability Theory, Discrete Math), DATA 100: (Principles of Data Science)

## SKILLS

**Languages:** Advanced: Python, Java, Swift, Objective C, C++, SQL, SwiftUI Proficient: R, C#

## HIGHLIGHTED PROJECTS & EXPERIENCE

Department of Justice: Criminal Justice Information Services  
Student Assistant

July 2020 - January 2022  
Sacramento, CA

- Served as an ambitious and motivated Student Assistant for the California State Department of Justice
- Analyzed and tested newly-launched applications for bugs, exploits, and other vulnerabilities
- In charge of CJIS online repository-to-Confluence migrations, Jira application resolutions, and SQL data processing for client firearm submissions

Bringing Back Smiles Foundation: Founder  
Founder & President

September 2021 - August 2022

- Founded and built COVID-19 Relief Non-Profit Organization with intent to raise funds and awareness for the pandemic
- Created and published mobile application and website, with intent of raising funds for the cause

Appothem: Founder  
Founder & President

August 2020 - Present

- Created and led iOS Application Development company that specializes in creating fluid, sleek applications for other businesses
- Published applications for a variety of businesses, including real estate, ecommerce, and dropshipping businesses

SigmaTrade Stock Market Analysis Project

May 2020 - Present

- Personal project made in Java created to utilize mass social media analysis (specifically Twitter) and algorithmic trading with intent of succeeding in the stock market
- In progress of being back tested with historical market data to gauge usefulness

## LEADERSHIP & EXTRACURRICULAR ACTIVITIES

Educ8 Tutoring  
Volunteer Student Instructor

September 2020 - Present

- Managed biweekly sessions of 6+ students to help reinforce academic concepts, varied from grade-school to college-level material
- Created course material to support academic growth in students
- Taught programming concepts in Scratch and Python to students