

Kush Patel

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EDUCATION

UNIVERSITY OF CALIFORNIA, BERKELEY

BS IN COMPUTER SCIENCE
May 2022 - Present | Berkeley, California
College of Letters and Science

AMERICAN RIVER COLLEGE

IGETC CERTIFICATION IN CS
May 2020 - May 2022 | Sacramento, California
Major GPA: 4.00
Cumulative GPA: 3.92

LINKS

GitHub:// [Kush Patel GitHub](#)
LinkedIn:// [Kush Patel LinkedIn](#)
About Me:// [About Kush Patel](#)

COURSEWORK

UNDERGRADUATE

CS 61A: Structure Interpretation of Computer Programs (Python, SQL)
CS 61B: Data Structures (Java)
DATA C8: Foundations of Data Science (Data Analysis)
CS 70: Discrete Math and Probability (Probability Theory, Discrete Math)
DATA 100: (Principles of Data Science) (Currently Taking)
DATA101: Data Engineering (Advanced Database Manipulation)
DATA144 - Data Mining and Analytics (Advanced Data Analysis)
STAT 134: Concepts of Probability (Statistics Theory)
CS198: Cubstart iOS Decal (Advanced iOS Application Programming)

SKILLS

PROGRAMMING

Advanced:

Java • SQL • Python • Javascript • C++ • Objective-C • SwiftUI/Swift • Git • jQuery • AngularJS • Microsoft Office • RESTful API • Android • Object Oriented Programming • React Native • React AI • Blockchain • CSS • HTML • Cybersecurity Knowledge
Familiar:
• PHP • Assembly • Agile

EXPERIENCE

DEPARTMENT OF JUSTICE | STUDENT ASSISTANT PROGRAMMER

July 2020 - January 2022 | Sacramento, CA

- **Dynamic Student Assistant Role:** As a Student Assistant at the California State Department of Justice, I energetically demonstrated my keen drive for excellence in programming, specifically in SQL and JS programming.
- **Rigorous Application Evaluation:** Thoroughly examined and tested recently deployed software applications; my diligent efforts uncovered bugs, exploits, and security vulnerabilities.
- **Masterful Data Management:** Assumed responsibility for the seamless migration of the Criminal Justice Information Services online repository to Confluence, resolved intricate issues within the Jira application and efficiently processed SQL database information related to client firearm submissions.

BRINGING BACK SMILES FOUNDATION | FOUNDER

September 2021 - September 2022 | Sacramento, CA

- **Ambitious Vision:** Pioneered the establishment of a COVID-19 relief Non-Profit Organization, driven by a clear purpose to raise funds and awareness during the pandemic.
- **Practical Technology:** Directed the development and launch of a user-friendly mobile application and website, strategically designed to engage and mobilize supporters while channeling funds towards the noble cause.
- iOS Application Download:// [BBS Foundation](#)

APPOTHEM | FOUNDER

May 2022 - Present | Sacramento, CA

- **Client-Focused Approach:** Prioritized client satisfaction by collaborating with businesses to understand their unique requests and converting them into user-friendly mobile applications.
- **Technical Mastery:** Utilized a deep comprehension of mobile iOS development to promise the creation of user-tailored, high-performance applications for clientele needs.
- **UX/UI Excellence:** Created applications with user experience in mind, and innovative creative design.

PROJECTS

TEXTJOURNAL | SOFTWARE DEVELOPER

Jan 2023 - Present | Sacramento, California

Worked with **Twilio** and **Replit** to create **TextJournal**, a mental-health application that utilizes the smartphone's built-in SMS function and cloud computing to record the user's thoughts and feelings for that day. This application epitomizes practical usage of REST API, Python, SQL database manipulation.

AWARDS

2022	IGETC Certification from American River College
2020	Seal of Biliteracy (French)
2020	International Baccalaureate Diploma
2020	Natomas Chamber of Commerce Scholarship
2019	Natomas NextGen Computer Grant Award
2018	NUSD Recognition of Excellence in Technology Award