

Khushpreet Buttar

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Education

University of California Merced

BACHELOR OF SCIENCE IN COMPUTER SCIENCE AND ENGINEERING

GPA: 3.3

Sep 2017 – Dec 2019

Coursework emphasis in programming, data structures, advanced sorts and search algorithms, electronic circuits, databases, computer networking, computing and network security, artificial intelligence, software engineering and team-based projects.

Work Experience

KPS Bros

ASSISTANT BUSINESS MANAGER

Turlock, CA

2013 – 2017

- Managed finances to help cut costs by at least 5%, by improving business spending
- Keep all the motor carrier licenses and permits up to date
- Multitasking to make sure loads were picked up and delivered on time

Projects

Coronavirus Stats

APP THAT LETS YOU TRACK STATISTICS, NEWS AND LIVE MAP VIEW FOR COVID-19

Flutter, Dart, Firebase, Python

fluxsudo.com

SeekIt

DEVELOPED THE FRONT-END OF A SCAVENGER HUNT APPLICATION ON NATIVE IOS AND ANDROID

React Native, Firebase, Native Base

Maze Solving Robot

DESIGNED AN AUTONOMOUS MAZE SOLVING ROBOT IN A TEAM OF TWO THAT OPTIMIZED ITS PATH, USING MICROCONTROLLER AND ULTRASONIC SENSOR

C, Arduino

Petfinder

DESIGNED AND DEVELOPED A WEBSITE WHICH GAVES PEOPLE A LIST OF SHELTER DOGS TO ADOPT BASED ON THERE LOCATION

HTML, CSS, Javascript, Materialize

Tic-Tac-Toe

BUILT A TIC-TAC-TOE GAME IN OPENGL BY USING OBJECT-ORIENTED PROGRAMMING CONCEPTS

C++, OpenGL, C

Database Visualizer

WEB APPLICATION FOR USERS TO INTERACT WITH THEIR DATABASE USING TABLES AND CHARTS

MySQL, Chart.js, Bootstrap

Technical Skills

Programming Languages: HTML, CSS, C++, Java, Javascript, Dart

Frameworks/Libraries: React Native, Bootstrap, Native Base, Flutter

Tools: Git, Firebase, MySQL, Photoshop, Adobe XD

Languages: Punjabi, Hindi, English

Awards

2019 **Mobile App Challenge**, Awarded 1st place in the Chan Zuckerberg Initiative industry category at UC Merced

2017 **HackFresno**, Awarded 1st place in the best IoT hack category at CSU Fresno hackathon for developing a smart pillbox