

JUZER ZARIF

1404 Alumni Place Drive, Lawrence, KS 66044 | Ph: 785-979-6096 | juzerzarif.com | juzer_zarif@ku.edu

EDUCATION

The University of Kansas **Lawrence, KS**
Bachelor of Science, Computer Engineering | GPA: 3.95
Expected Graduation Date: May 2019

Sri Ma Vidyalaya (High School) **Thane, INDIA**

SKILLS

- Proficient in C++, Java, JavaScript programming
- Familiar with C#, PHP, and MySQL programming
- Adept at application development using Raspberry Pi and Arduino platforms
- Experience with web development, and maintenance
- Proficient in soldering and use of analytical equipment like oscilloscopes, network analyzers, frequency generators, and power supplies
- Skillful in circuit analysis, simulation, and fabrication

PROJECTS

Bluetooth Controlled RC Car

- Designed and built an RC car as part of a 4-person group
- Motor and servo control using an Arduino Uno
- Companion iOS app to control the car via Bluetooth

FPGA based Audio Recorder

- Designed and implemented an audio recorder on the Nexys4 FPGA board
- Utilization of simulated memory using data registers
- Ability to record, store, rewrite, and play back audio via the ports on the board

Networked “No Thanks” Card Game

- Networked Windows application for a digital emulation of the card game “No Thanks”
- Client to server serial communication protocol using socket programming in C#
- Experience and research for building, maintaining, and updating a live Windows application

INVOLVEMENT/LEADERSHIP

Eta Kappa Nu – Gamma Iota Chapter **Lawrence, Kansas**
• Vice President of the KU Chapter of IEEE-HKN
• Honors society for high performing students in Computer and Electrical Engineering

KU Scholarship Halls **Lawrence, Kansas**
• President of Stephenson Scholarship Hall
• Committee Chair for the Leadership Symposium Committee for the All Scholarship Hall Council

KU Honors Department **Lawrence, Kansas**
• Seminar Assistant for Dr. Bryan Young’s freshman honors seminar (The Greenland Kayak)

HONORS

- Recipient of the KU International Excellence Award
- Recipient of the Garmin Excellence Scholarship (KU School of Engineering)
- Part of KU Engineering Dean’s Honor Roll every semester since Fall 2015