SHISHIR BISHWOKARMA

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EDUCATION

The University of Texas at Arlington   Arlington, TX
Bachelor of Science in Computer Science
GPA: 3.6/4.0

TECHNICAL SKILLS

Programming languages: Python, JavaScript ES5/ES6, C, SQL, C++, Java
Frameworks and Libraries: React Native, React, Numpy, Bootstrap
Web Technologies: HTML5, CSS, XML, JSON, REST, Github Pages,
Database: MySQL, SQL , Firebase
Developer Tools: Android Studio, VS Code,Unity Hub, Eclipse, Arduino IDE
Operating Systems: macOS, Windows, iOS, Android, Unix, Linux
Methodologies: Agile, Waterfall, Test Driven Development (TDD)
Graphics Tools: Adobe Photoshop , Adobe Lightroom , Adobe Premiere Pro

PROJECTS

Electioneering | ⊕ | *React,MySQL Material UI , JavaScript, Leaflet,CSS, GIT*   April 2022
  - Developed a web application that assists election campaign manager in their election campaigns
  - Incorporated Leaflet and MySQL to visualize the voter data in map and table format

Robotic Arm | ⊕ ◯ | *Python, C, EV3*   Nov 2021 – Dec 2021
  - Designed an autonomous robotic arm using Lego EV3 capable of drawing various shapes
  - Used inverse kinematics to calculate the end-effector positions
  - Used C and Python to interpolate the robotic arm through calculated points

Fat32 File Navigator | ◯ | *C, C++, Linux*   Oct 2020 – Dec 2020
  - Designed a command-line interface capable of traversing and performing various operations in a Fat32 file

WORK EXPERIENCE

Program Assistant and STEM Camp Facilitator   June 2019 – Aug 2019
The University of Texas at Arlington   Arlington, TX
  - Supervised and motivate 250+ middle/high school students for success in advanced studies leading to STEM through PBL Approach
  - Trained students to build an interactive game using Unity and Game Maker Studio
  - Regulated field trips of students and graded their technical writing , probability and statistics assignment

Surveying and Mapping Intern   June 2018 – Aug 2018
Kathmandu Living Labs   Kathmandu, Nepal
  - Contributed to expanding a free, editable, digital map of Nepal using OpenStreetMap(OSM) tools like JOSM.
  - Conducted community based research ,collected field data and validated mapping done by fellow mappers.

LEADERSHIP EXPERIENCE

President | ⊕ | May 2021 -Dec 2021
Nepalese Students' Association at UT Arlington   Arlington, TX
  - Led and supervised a team of 45 members to meet the organization goals of representing and promoting Nepalese culture across UTA, helping students to adapt and in excel in college and doing community work .
  - Organised and facilitated first 24 hour virtual hackathon for Nepalese students' in US

ACCOMPLISHMENTS

  - Recipient of Maverick Academic Scholarship
  - College of Engineering 2019 Dean's Challenge Best Representation of UT Arlington Winner
  - Distinguished Member of Freshman Leaders on Campus,UT Arlington
  - National Representative in FIRST Global Challenge Robotics Competition, Mexico | ⊕ |