Arnav Garg

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Objective

Seeking an internship where I can contribute my technical skills in programming and design.

Education

Expected May 2018   University of Texas at Arlington
B.S. (Honors) Computer Science
Cumulative GPA: 3.906/4
Technical GPA: 4.0/4.0

Technical Skills

Language: C/C++ (Proficient), Java (Proficient), Python (Proficient), HTML, CSS, Bash (Basic Knowledge), Git, SQL (Basic Knowledge)
Software: Microsoft Visual Studio, Eclipse, Microsoft Office, iOS and Android.

Projects

March 2015-June 2015   **Foodify Android App** – HackDFW 2015
An App that lets the gives the user the ingredients using the pre-defined database of ingredients and then displays the top 10 recipes that the user can create.
SKILLS: SQLite and Android.

January 2015-Present   **Remotely Operated Vehicle for Exploration and Reconnaissance** – UT Arlington
🔗 (Pygame – Python, Arduino) https://github.com/thearnavgarg/ROVER-UTA
A vehicle that moves via a Joystick which is read using Pygame (Python) and Arduino. The location is tracked on an offline GPS Map and the coordinates are tracked using a GPS tracker.
SKILLS: Pygame (Python).

Work Experience

May 2015-Present   **Undergraduate Research Assistant –** University of Texas at Arlington, TX
Worked with Dr. Chengkai Li and Dr Christoph Csallner in his research to maximize code coverage in database applications Debugged the program using the Eclipse Debugger. Devised new ways to make the algorithm more effective.
SKILLS: Java.

January 2015-Present   **R.O.V.E.R Society –** University of Texas at Arlington Research Institute, TX
I am the Controls Lead of the Controls team in the ROVER Society at UTA. Tasks include
- Taking the values from the Joystick using Pygame (Python) and sending it to the Arduino.
- Creating an offline map interface and sending location co-ordinates using a GPS.
- Taking live feed from a camera and creating an interface for the video to display.
SKILLS: Python (Pygame), Arduino.

May 2015-Present   **Hackerrank Campus Ambassador –** https://hackerrank.com
Champion, plan and host Hackerrank coding competitions on campus.
SKILLS: Leadership.

May 2015-Present   **Resident Assistant –** University of Texas at Arlington, TX
Fostering a co-operative and considerate educational environment which contributes to the academic and personal growth and success of each resident.
SKILLS: Leadership.

College Activities

- Hackathons (HackDFW and CodeRED)
- Captain of the Intramural Soccer Team.
- Member of ACM and MOBI organizations on-campus.