

Arnav Garg

arnav.garg@mavs.uta.edu | (682)-597-7383
300W First Street | PO Box 1926085 | Arlington, TX 76015
<http://arnavgarg.me> | www.linkedin.com/in/arnavgarg30

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
GPA: 3.906/4

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-Present **Foodify Android App** – HackDFW 2015
An App that lets the user gives 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** – UTA
 (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 **Research Intern** – University of Texas at Arlington, TX
Helped a professor in researching a technique 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 **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.

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

College Activities

- Hackathons (HackDFW and CodeRED)
- Self-study of Python, HTML, Python and Android.
- Captain of the Intramural Soccer Team.
- Member of ACM and MOBI organizations on-campus.

