

Arnav Garg

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Objective

Seeking an internship where I can hone 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), Javascript (Basic Knowledge)
Software: Microsoft Visual Studio, Eclipse, Microsoft Office, iOS and Android.

Projects

- August 2015 – Present **Research on Memory Retention and Recall**
Created a mobile application which helps the user memorize passwords whilst playing a game. I am researching the effectiveness of this game on memory retention and recall. The game is made using Ionic Framework which is an advanced HTML5 Hybrid Mobile App Framework.
SKILLS: HTML5, CSS3, AngularJS.
- March 2015-June 2015 **Foodify Android App** – HackDFW 2015
An App that displays the top 10 recipes which the user can make using the chosen ingredients.
SKILLS: SQLite and Android.
- January 2015-Present **Remotely Operated Vehicle for Exploration and Reconnaissance (R.O.V.E.R)** – UT Arlington
🔗 (Pygame – Python, Arduino) <https://github.com/thearnavgarg/ROVER-UTA>
I am the Controls Head of the 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.

Work Experience

- May 2015-Present **Undergraduate Research Assistant** – University of Texas at Arlington, TX
Worked with Dr. Chengkai Li and Dr Christoph Csallner in their 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.
- 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.