

ARNAV GARG

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EDUCATION

University of Texas at Arlington

B.S. (Honors) Computer Science 2018 (Expected)

Cumulative GPA: 3.938/4.0

Technical GPA: 4.0/4.0

SKILLS

Languages: C/C++ (Proficient), Java (Proficient), Python (Proficient), HTML, CSS, Git, Javascript.

Frameworks: Ionic Framework, JQuery, PhaserJS, SQL (Basic Knowledge).

PROJECTS

SecurePass – Research on Memory Retention and Recall

🔗 <https://github.com/thearnavgarg/SecurePass>

The project was a part of the coursework in my special topics class- Human Computer Interaction and will be continued in the next semester as part of research project with the Information Security Lab at UT-Arlington.

SKILLS: HTML5, CSS3, AngularJS, Python, NoSQL.

Remotely Operated Vehicle for Exploration and Reconnaissance (R.O.V.E.R)

🔗 <https://github.com/thearnavgarg/ROVER-UTA>

I am the Controls Head of the team in the ROVER Society at UTA. Took the values from the Joystick using Pygame (Python) and sent it to the Arduino. Created an offline map interface and sent location co-ordinates using a GPS. Took live feed from a camera and created an interface for the video to display.

SKILLS: Python (Pygame), Arduino.

Foodify Android App – HackDFW 2015

🔗 <https://github.com/thearnavgarg/hackdfwrecipe>

An App that displays the top 10 recipes which the user can make using the chosen ingredients

SKILLS: Android.

Honey Badger Ice Cream Parlor Game

🔗 <https://github.com/thearnavgarg/HoneyBadgerIceCreamParlor>

Developed a GUI based game using JavaFX, FXML and CSS,

SKILLS: Java, FXML and CSS.

WORK EXPERIENCE

Undergraduate Research Assistant – University of Texas at Arlington, TX

Worked with Dr. Chengkai Li and Dr Christoph Csallner in the 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

Hackerrank Campus Ambassador – <https://hackerrank.com>

Champion, plan and host Hackerrank coding competitions on campus.

SKILLS: Leadership.

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, CodeRED, HackTX), Captain of the Intramural Soccer Team, Member of ACM and MOBI organizations on-campus. Volunteering at Mission Arlington (20+ hrs) and SD Bal Vidya Mandir School for underprivileged and street children (500+ hrs).