

Nirranjan Akilan

<https://www.linkedin.com/in/nirranjanakilan> | <https://github.com/anirranjan>

EDUCATION

The University of Texas at Dallas, Richardson, TX

Expected Graduation December 2023

Bachelor of Science in Computer Science (Academic Excellence Scholar)

GPA: 3.74

SKILLS

- **Languages:** HTML, CSS, JavaScript, C++, C#, Java, Python, Prolog, Typescript
- **Tools:** React, Git, Unity Game Engine, Blender 3D, Adobe XD

RELEVANT EXPERIENCE

- **Goodwill Industries Computer Specialist** *August 2019 – November 2019*
 - Inspected donated laptops prior to resale by dismantling & benchmarking devices for parts and usability.
 - Maximized number of laptops available for resale at Goodwill Store by 5%.
- **Bold Idea Mentor** *September 2018 – May 2019*
 - Mentored four elementary students in developing basic programming projects during 10-week program.
 - Recognized as Outstanding Mentor in December 2018.

PROJECTS

- **MyPart** [2021 Google Solution Challenge Submission](#) *February 2021 – April 2021*
 - Collaborated with a team to create an application to raise awareness on recycling using React and Firebase.
 - Responsible for development of a newsfeed that utilizes the News API to retrieve articles.
 - Contest Manager praised the persuasive presentation of the application and its features.
- **Help After Uri** [HackUTD 2021 Submission](#) *February 2021*
 - Created web app to help Texans recover from the Texas Winter Storm using React.
 - Responsible for development of task completion system and rewards program.
 - State Farm representative praised the sense of community that the app promotes.
- **DriverMania** [Landing Page](#) *December 2020 – February 2021*
 - Designed Unity application that peaked at 100+ users on game development service itch.io.
 - Developed features including object movement, selection menus, in-game interactive store, and customizable behaviors using C# and Blender 3D.
 - Expanded application to fix bugs, support player data storage, add new features, and published to the Google Play Store.
- **Open-Source Contributions** [Hacktoberfest 2020](#) *October 2020*
 - Contributed to four open-source projects during a 12-hour event of learning about the benefits and real-world applications of open-source software.
 - Designed a personal portfolio website using HTML and CSS, API endpoint using Typescript, analyzed Honda's stock using Python, and created a 3D cube using JavaScript.

RELEVANT COURSES

Linear Algebra

Discrete Mathematics

Computer Science I

EXTRACURRICULARS

- Technical Committee Officer of Developer Student Club UTD *May 2021-Present*
- Member of Association of Computing Machinery UTD *August 2020-Present*
- Member of UTD Photography *August 2020-Present*

HONORS/AWARDS

- JPMorgan Chase Virtual Experience Program Participant *March 2021*
- Microsoft Technology Associate Database Fundamentals Certified *February 2020*
- Academic Excellence Scholarship – Awarded \$3000 per year