SANJAY GORUR

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EDUCATION

The University of Texas at Austin — Austin, TX
BS Electrical and Computer Engineering *GPA: 4.0* — August 2020 - May 2024

WORK EXPERIENCE

LastWordOnSports — Dallas, TX
Contributing Writer — September 2020 - December 2020

- Wrote articles for SEC teams relating to games and happenings of the 2020 college football season
- Conducted podcasts discussing predictions and forming a collaborative atmosphere for CFB events
- Interacted in live streams to provide analysis on college recruits and NFL prospects

Coding Minds Academy — Irvine, CA
Cyber Security Intern — June 2020 - August 2020

- Engaged in seminars with colleagues discussing focal areas such as digital piracy and encryption
- Learned the basis of intrusion detection and malware analysis using the Kali Linux platform for penetration testing

Mathnasium — Frisco, TX
Lead Instructor — January 2020 - July 2020

- Tutored young students in subjects such as Algebra I, Geometry, Pre-Calculus, and other advanced math courses
- Operated in a "Team Teaching Environment" that emphasizes skills including collaboration and communication
- Built students' confidence and self-esteem through successful encounters and interactions

theCoderSchool — Frisco, TX
Trainee — January 2020 - March 2020

- Worked alongside Dr. Peter Farrell to solve complex challenges involving the Java and Python coding languages
- Learned how to generate applications of fractals with the use of SQL queries
- Touched upon 3D object rendering to prepare presentations for regular Code Fairs

The University of Texas at Dallas — Arlington, TX
Research Intern — June 2019 - August 2019

- Built Python code through collaboration with Ph. D. students from the Erik Jonsson School of Computer Science
- Interacted with college students at weekly seminars on topics related to 3-D graphics and programming
- Learned applications such as CVPR and SMPL under the guidance of Dr. Xiaohu Guo

SKILLS

Programming Languages:	Java, C, C++, Python
Database Technologies:	SQL, MongoDB

RESEARCH EXPERIENCE

Superpixel Generation by Agglomerative Clustering with Quadratic Error Minimization
Python (Anaconda framework)   https://personal.utdallas.edu/~xguo/Superpixel_CGF2018.pdf
Implementing super pixel segmentation: a popular image preprocessing technique in many computer vision applications

AWARDS

Southwest Reserve Chess Tournament Champion — Texas Chess Association
Recognized for victory in state tournament — 2017

Summa Cum Laude Graduate — Plano West Senior High School
Recognized for exemplary academic performance — June 2020