

Gueren Sanford

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EDUCATION

The University of Texas at Dallas, Richardson, TX Fall 2022-Spring 2026
Bachelor of Science in Computer Science, Computer Science Honors (CS^2)

Garland High School, Garland TX Spring 2022
High School Diploma, Rank 7/564, IB Diploma Unweighted GPA: 4.0/4.0

TECHNICAL SKILLS

Programming Languages: Java, C++, Golang, HTML, CSS, JavaScript
Framework/Platform: JavaFX, Node.js, Gin
Databases: MongoDB

RELEVANT COURSEWORK

- Computer Science Fundamentals
- AP/IB Computer Science
- Discrete Math for Computing

PROJECTS

Crumb Cookie Calculator, IB Computer Science **Spring 2022**
Created an app that can predict the number of cookies that will be sold on a given day that week. Utilized simple statistics and data provided about each cookie to produce each prediction. The app was built entirely with Java and used JavaFX for a few frontend components.

Planets REST API, Project Nebula **Fall 2022**
The Planet API is capable of retrieving, adding, editing, and deleting planets from the online database (MongoDB). It uses the web framework, Gin, to pull the requests and send them to the database. The API is written in Golang and utilizes both MongoDB and Gin.

WORK EXPERIENCE

Shift Lead, Crumb Cookies, Garland, TX **Spring 2021-2022**
Taught new hires how to effectively work and communicate on the job. Required to constantly multitask: maintaining the supply levels, handling any problems or questions the customers had, and fixing any mistakes the employees made.

ACTIVITIES & ACHIEVEMENTS

Project Nebula, Member Fall 2022-Current
Health Occupation Students of America (HOSA), President Fall 2021-Spring 2022
Free Student Tutoring Program, Founder Fall 2020-Spring 2022
Rowlett and Garland Local Park Cleanup, Director of Planning Spring 2022