Ethan Fan
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Education

Aug 2021 – Present

University of Florida
Gainesville, FL

Programming Fundamentals 1, Programming Fundamentals 2, Analytic Geometry and Calculus 1, Analytic Geometry and Calculus 2, Analytic Geometry and Calculus 3, Elementary Differential Equations, Applications of Discrete Structures, Engineering Statistics, Introduction to Software Engineering, Data Structures and Algorithms, Introduction to Computer Organization, Operating Systems

GPA 3.61/4.0

Pursuing a Bachelor's Degree in Computer Science with a Mathematics Minor.

Awards

May 2021   **University of Florida Benacquisto Scholarship**

March 2021   **National Merit Scholarship Finalist**

Technical Skills

Java, C++, Golang, JavaScript/TypeScript programming languages
Third-Year Undergraduate at University of Florida

Python and C programming languages
Grade 10, 11, 12 of American Heritage High School

Projects

Vrygrond Community Map
- A community map consisting of non-profit organizations for the people of Vrygrond
- Written using JavaScript, TypeScript, React, NodeJS, MongoDB
- Includes functions, search by name, search by service, and pin on map
- Created using Agile framework

GatorGuessr
- A simplified version of the popular online game GeoGuessr, but tailored specifically to University of Florida
- Written Using TypeScript, Golang and hosted using Microsoft Azure Cloud Server
- Includes account registration, sign in, navigation, street view, guessing, scoring, and leaderboard functions

AVL Tree
- Self Balancing Binary Tree
- Written using C++
- Includes functions insert, remove, print in order, preorder, and post order