

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

GPA 3.54/4.0

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 programming languages

Second-Year Undergraduate at University of Florida
Skill Level: intermediate

Python and C programming languages

Grade 10, 11, 12 of American Heritage High School
Skill Level: intermediate

Projects

AVL Tree

- Self-balancing binary tree
- Written using C++
- Includes functions, insert, remove, print in order, post order and pre order

PageRank Algorithm

- A simplified version of Larry Page and Sergey Brin's algorithm to rank websites based on popularity
- Written Using C++
- Created a graph data structure using the adjacency list method