

IAN SOHAN

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EDUCATION

University of Virginia, Charlottesville, VA

Expected May 2022

Major: Computer Science

Minor: Engineering Business

GPA: 3.67/4.00 – Dean's List

Woodstock Academy, Woodstock, CT

August 2014 – June 2018

GPA: 3.97/4.00 – National Honor Society

PROJECTS

iangsohan.com - <https://github.com/iangsohan/website>

- Customized website created to illustrate my professional and personal life.
- Learned basic HTML and JavaScript along with other web development skills.

Scientific Calculator - <https://github.com/iangsohan/calculator>

- Operations include the basic four-functions, standard trigonometry, and logarithms.
- Developed skills regarding data structures and continued improvement in C++.

Sudoku Solver - <https://github.com/iangsohan/sudoku>

- Utilizes the backtracking algorithm to solve sudoku puzzles of any difficulty.
- Improved understanding of algorithms and implementing advanced software.

EXPERIENCE

Teaching Assistant, **University of Virginia**, Charlottesville, VA

August 2020 – Present

- Respond to questions and concerns of all students regarding Differential Equations.
- Grade and correct worksheets, quizzes, and tests throughout the semester.

Business Analyst Intern, **New York Life**, Worcester, MA

October 2018 – September 2019

- Contacted clients regularly regarding current and future financial decisions.
- Maintained the communication system using company-provided software.

SKILLS & COURSEWORK

Programming Languages

- C++ ◆◆◆◆◆
- Python ◆◆◆◆◆
- JAVA ◆◆◆◆◆
- HTML ◆◆◆◆◆

Coursework

- Data Structures
- Advanced Software
- Theory of Computation
- Algorithms