Dylan Ton-That

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SUMMARY

I am an accredited sophomore pursuing Computer Science with the endgame being a strong framework of the processes, applications, and implications of software engineering to further the prospects of a related career. As an analytical, ambitious, and keen scholar, I hope to continue to broaden my knowledge and therefore embrace related opportunities including digital projects, transcending research, and advising.

EDUCATION

Albert Dorman Honors College, New Jersey Institute of Technology **Sept 2022 – Dec 2025**

Major: *Computer Science B.S.* **– *4.00* GPA (Dean's List)**

- Enrolled on a full ride merit scholarship with completed 30 volunteer hours a semester.
- Relevant coursework: Roadmaps into Computing, Intro to Computer Science I (AP Credit), Algorithms and Data Structures, Computers, Society, and Ethics, Probability and Statistics, Differential and Integral Calculus

Parsippany High School **Sept 2018 – June 2022**

- High School Diploma - GPA: 4.36 (weighted)
- SAT Super Score 1540

LEADERSHIP AND ACTIVITIES

***Curriculum Development and Teaching Volunteer*, Kids Who Code - NJIT**

- Aided in creating the NJIT Kids Who Code Curriculum to structure a preliminary coding learning process for adolescents, utilizing Scratch language
- Volunteered to teach local elementary school students the curriculum material

APPLICABLE SKILLS

- Knowledgeable in Java, Python, MATLAB
- Currently learning: C++, HTML/CSS
- Microsoft Office Suite [Excel, Word] Proficiency

WORK EXPERIENCE

Instructor, **Mathnasium** **October 2021 – November 2022**

- Conducted engaging sessions to groups of (4) K-12 students at the center and (3) through Webex
- Reevaluated curricula topics and assignments upon student inquiry
- Utilized Socratic questioning, guided visualization, etc. to convey topics to students for smoother memorization and understanding, known as the "Mathnasium Method"