

WILLIAM A. TOTH

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[LinkedIn](#), [GitHub](#)

EDUCATION

Dartmouth College, Hanover, NH

June 2023

Bachelor of Arts, Major in Computer Science, Minor in Mathematics

GPA 3.8/4.0

Relevant Coursework: Object-Oriented Programming (Abstract Data types, algorithms, etc.), Linear Algebra, Predictive Modelling and Machine Learning Algorithms, Data Analysis, Design, Quantum Mechanics, Computer Graphics, Multivariable Calculus, Differential Equations

Harvard-Westlake School, Studio City, CA

June 2019

Honors/Awards: National Merit Commended Scholar, French Honor Society

GPA 4.3 (weighted), 3.8 (unweighted)

SAT: 1530

Activities: Jazz Band, Peer Support, Tennis Team, Student Radio

LEADERSHIP & SERVICE

Dartmouth Student Prison Initiative, Hanover, NH

June 2020 – Present

Co-Founder and Secretary

- Co-founded a student organization centered around prison abolition, reform, and inmate advocacy
- Currently, the club is reading theory on oppression, incarceration, etc. in hopes to visit prisons in the coming years and gain the perspective of the incarcerated

CEE Alumni Community Service Award and Grant, Los Angeles, CA

November 2017 – January 2019

Recipient

- Received a grant for self-founded organization Making It Forward, which holds workshops teaching kids to make and play guitars, both creating musical interest and strengthening the maker movement.

PROFESSIONAL / RELEVANT EXPERIENCE

Fresh prints, New York, NY

May 2020 – Present

Campus Manager for Local Subsidiary

- Started and grew a business at Dartmouth to sell custom apparel to student organizations
- Oversee a market size of 4,500 students and 160 organizations
- Gained expertise with sales, supply chain, design, etc.
- Sold several thousand dollars of apparel during the pandemic

Independent Data Science Project - UCLA Ext.

June 2020

- Analyzed every song in the Billboard Hot 100 from 1960-2010 ([report here](#))
- Performed exploratory data analysis, including visual/graphical representation, density distribution, and advanced subsetting
- Implemented machine learning algorithms, such as random decision forests, to predict the given style and era of a track

Linda K Toth DDS, Sherman Oaks, CA

September 2015 – June 2019

Assistant and Lab Tech

- Sterilized instruments and performed general secretarial duties in a 'zero room for error' environment

Harbor Bay Construction, Oceanside, CA

Summer 2016, Summer 2018

Construction Worker

- Worked to remodel schools in Oceanside, CA
- Dug foundations
- Poured Concrete
- Became proficient with advanced tools

SKILLS & INTERESTS

Computer/Technical: Java, Python, R, SQL, TeX, Logic Pro X, Microsoft Office

Languages: English, French

Additional Interests: Music Production and Performance, Luthiering (guitar building)