

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**

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

SKILLS & RELEVANT COURSEWORK

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

Relevant Coursework: Algorithms and Data Structures, Object Oriented Programming, Linear Algebra, Predictive Modeling and Machine Learning Algorithms, Quantum Mechanics, Data Analysis, Design, Computer Graphics, Multivariable Calculus

Winter 2021 Coursework: Software Engineering, Discrete Math, Systems, Differential Equations

PROFESSIONAL / RELEVANT EXPERIENCE

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

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

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

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

Making It Forward, Los Angeles, CA **November 2017 – January 2019**

- Founded Making It Forward, an organization that lead workshops which teach kids how to build and play guitars, both introducing them to the maker movement and inducing musical curiosity

AWARDS & DISTINCTIONS

National Merit Commended Scholar - 2018

CEE Alumni Community Service Award and Grant – 2018

French Honor Society - 2018