

EDUCATION

Dartmouth College

GPA: 3.96/4.00; Summa Cum Laude, Phi Beta Kappa

Hanover, NH

August 2018 – June 2022

- Double major in Computer Science and Quantitative Social Science (statistics)
- President, Dartmouth Club Golf; Engineer, DALI Lab

EXPERIENCE

SDE Intern

Amazon

Seattle, WA

June 2022 – Present

- Intern in Alexa AI organization

Full-Stack Software Engineering Intern

U.S. Army Corps of Engineers

Hanover, NH

April 2021 – April 2022

- Engineered algorithm to generate hexbins from point cloud data and exposed as a REST API for use in internal Army tool. Also developed accompanying visualization

Software Engineering Intern

Smartsheet

Bellevue, WA

June 2021 – September 2021

- Developed new sharing experience from to offer sharing recommendations to over 1,000,000 users
- Worked across full stack, including development of machine learning recommendation system

Founder and CTO

SongChain

Seattle, WA

March 2020 – Present

- Co-founded and built platform to help fans invest in musicians via NFTs
- Winner of eBay Best Marketplace Award at UW Dempsey Startup Competition

Startup Founder

CoRisk (formerly GreenTrace)

Hanover, NH

May 2020 – Present

- Founded contact-tracing startup to help Dartmouth College students remain safe on campus during the COVID-19 pandemic and partnered with Dartmouth's DALI Lab to bring app to market

Data Science Intern

Dartmouth Football

Hanover, NH

November 2019 – Present

- Assisted head coach in analyzing statistics to reduce injuries. Analysis led to rule change proposal in Ivy League

Machine Learning and Software Engineering Intern

Likewise

Bellevue, WA

June 2019 – August 2019

- Worked for early-stage startup, funded by Bill Gates, that provides personalized recommendations
- Built end-to-end classification system to predict user retention based on limited features

Published Research Author

Professor Erin Vernon, Seattle University

Seattle, WA

June 2017 – November 2020

- Co-authored systematic review of the efficacy of health awareness events
- Published in *Social Science and Medicine*, a top-5 ranked journal in social science research

TECHNICAL SKILLS

Experienced: Python, C, JavaScript, React, Node.JS, Git, NoSQL, R, Machine Learning

Proficient: Java, Go, TypeScript, HTML, CSS, Django, Redux, Cloud Technologies (GCP, AWS, etc.)

Learning: Kotlin, SQL, C++

INTERESTS

Golf, Sports Analytics, British history, Beecher's Flagship cheese