

Professional Summary

Highly ambitious double major in Computer Science and Music Interdisciplinary Computation with a minor in Mathematics. Strong interest in the intersection of data science and music.

Skills

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|---------------------------------|-------------------------------|-----------------------------------|
| • Classical and electric guitar | • Python | • Neural Networks |
| • Upright and electric bass | • Java | • Data Structures / Visualization |
| • Max | • C/C++ | • JavaScript |
| • Apple Logic Pro | • OOP Enthusiast R Studio / R | • Bootstrap |
| • Avid Pro Tools | • Markdown | • Database Design |

Education

Colby College – Waterville, ME

5/2022 Expected graduation

- 3.7 GPA completing a double major and minor
- Music Interdisciplinary Computation Major including a capstone project applying state of the art neural network to produce images that represents audio features; awarded \$3500 research grant
- Computer Science Major
- Mathematics Minor with emphasis in applied mathematics and statistics
- Music courses include the full Music Theory series, Introduction to Music (history), Electronic Orchestra, Laptop Orchestra, Classical Guitar Lessons, Applied Music – Guitar Ensemble
- Computer Science courses include: Data Structures and Algorithms, Data Analysis and Visualization, Analysis of Algorithms, Introduction to Computational Theory, Computer organization, Neural Networks, Interactive Systems, Real-World Database Design, Software Engineering, Web Programming
- Mathematics courses include Calculus and Multivariate Calculus, Linear Algebra, Introduction to Statistics and Data Science, Mathematical Reasoning, Probability

Experience

Studio Director, WMHB Radio – Waterville, ME

8/2020 – Present

Assistant studio Director

1/2019 – 8/2020

- Troubleshoot radio hardware / software for DJ's, maintain equipment, manage rentals to student bands
- Innovated technology solution to broadcast live music performance; had not previously been done at WMHB

Summer Research Assistant, Colby Computer Science – Waterville, ME

6/2021 – 8/2021

- Rapid prototyping and Human-Computer Interaction, developing functioning platform on schedule

Activities

- Colby Production Guild: Engineered live and studio music performances; maintained music gear for Colby music Incubator
- Founder and member of bands including Road Soda and the Verticals. Member of Colby classical guitar ensemble. Electric guitar, classical guitar, and bass player in various groups.
- Connecticut Association of Schools Visual & Performing Arts Award for scholarship and leadership in the arts
- Eagle Scout