

## Professional Summary

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Highly ambitious college senior double majoring in Computer Science and Music Interdisciplinary Computation and minoring in Mathematics. Strong interest in Software Engineering.

## Skills

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|------------------|-------------------------------------|-------------------|
| • Python         | • R Studio / R Markdown             | • JavaScript      |
| • Java           | • Neural Networks                   | • Bootstrap       |
| • C/C++          | • Data Structures and Visualization | • Database Design |
| • OOP Enthusiast |                                     |                   |

## Education

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### Colby College – Waterville, ME

5/2022 Expected graduation

- 3.7 GPA completing a double major and minor
- Computer Science Major
- 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
- Mathematics Minor with emphasis in applied mathematics and statistics
- Completed requirements for Data Science Minor and Statistics Minor (limited to 2 majors and a minor)
- Relevant 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
- Relevant Mathematics courses include Calculus and Multivariate Calculus, Linear Algebra, Introduction to Statistics and Data Science, Mathematical Reasoning, Probability, Statistical Modelling

## Experience

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### 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

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- 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, 2018
- Eagle Scout