Cale Wolf

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Education

University of Illinois at Urbana–Champaign   **May 2023**
Bachelor of Science in Computer Science and Music   GPA: 3.97/4.00

- Relevant courses: Data Structures, Probability and Stats for CS, Software Design Studio

Antioch Community High School   **May 2019**
Cum Laude, High Honor Roll   GPA: 4.00/4.00

Experience

CS126 - Software Design Studio   **August 2020 – Present**
Course Assistant

- Leads a weekly discussion where students present their code from assignments in Java and C++
- Grades student work with individualized feedback on concepts in programming style and testing

KTBYTE Computer Science Academy   **June 2020 – August 2020**
Instructor

- Taught an intermediate-level course on Java/Processing programming to K-12 students online
- Created daily lesson plans including demos, homework, and projects tailored to student ability levels and interests

Projects

ScaleFinder   **Spring 2020**

- A practice tool for musicians written in C++ that finds possible scales to play over any chord, visualizes them on a piano graphical user interface, and plays back scale audio

Awards and Honors

- UIUC Chancellor's Scholar (2020)
- Fine & Applied Arts Dean's List (2020)
- Fine & Applied Arts James Scholar (2020)
- ILMEA All-State Honors Jazz Band Pianist (2019)
- AP Capstone Diploma (2018)

Activities

- UIUC Jazz Ensembles, pianist (2019 - Present)
- Association for Computing Machinery, general member (2019 - Present)
- UIUC Varsity Men's Glee Club, general member (2019-2020)

Technical Skills

- Programming Languages: Java, Python, C++, Swift
- Experience in conducting and writing academic research
- Proficiency in Microsoft Office