Contact

Princeton, NJ
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www.EllisLuke.com
github.com/ellisluke

Skills

HTML / CSS / PHP

JavaScript (D3.js, JSON, Node.js, Express, JQuery)

Python (Pandas, NumPy, Matplotlib, Flask, FastAPI)

SQL / MongoDB

Java / C# / OOP

Data Science / Statistics

Data Visualization

Linux / Shell Scripting

GitHub / Jira

Accessible Web Design

Microsoft Office Suite (Word, Excel, PowerPoint, Outlook)

Unity Game Engine (C#)

Google Cloud Platform

CAD (Blender, Fusion360)

Adobe Creative Cloud (Photoshop, Premiere)

U.S. Copyright Law

Awards

Eagle Scout

Dean's List

Downbeat Magazine Student Music Award Winner

Ellen Gussman Adelson Award for Outstanding Instrumental Skill

Interests

Birdwatching
NBA Basketball
Musical Theater / Tap Dancing
Jazz Piano
Formula 1
Crosswords

Luke Ellis

Passionate team player with a focus on technology, innovation, and people. Always willing to learn new skills, make new connections, and address tough questions to create the best possible product. Please visit my website **www.EllisLuke.com** to see some of my latest projects.

Education

Cornell University | Ithaca, NY | B.A. in Information Science and Music | May 2024

Punahou School | Honolulu, HI | High School Diploma | June 2020

Experience

Audio Engineer Intern – Part-time
Invite Only Studios | Jul 2024 – Oct 2024 | New York, NY
- Supported daily operations of a premier, state-of-the-art music studio
- Communicated with various music industry roles to meet the needs of high-profile clients and their teams
- Assisted songwriting teams as a composer / keyboardist to prepare demos

Jazz Department Assistant and Front-end Web Developer
Cornell University Music Department | Feb 2021 – Jun 2024 | Ithaca, NY
- Updated the CU Jazz website as requested using React.js, live website available here - https://jazz.arts.cornell.edu
- Worked closely with the head professor of the Cornell Jazz Department to manage the music library, inventory equipment, and handle event logistics

Milstein Program Summer Software Residency
Cornell Tech | Jun 2022 – Jul 2022 | New York, NY
- In an eight-week sprint, created an online 3D/VR museum for Coler Specialty State Hospital featuring pieces from its patient art program
- As a full-stack developer, built a fully deployed and secure product using Node.js, Express, MongoDB, EJS / CSS, Auth0 by Okta, Unity Engine (C#), Blender, and Google Cloud Platform
- Spent extra time on Roosevelt Island in NYC attending seminars, workshops, rapid design challenges, and guest speakers' lectures in topics related to technology, public service, entrepreneurship, human-centered design, and forward thinking

Architectural Acoustic Consulting Intern
Acentech Inc. | Jun 2023 – Aug 2023 | Cambridge, MA
- Used MATLAB to process various types of audio signals and create relevant acoustic simulations and modal analysis
- Reviewed architectural, mechanical, and structural plans of various buildings to give acoustic guidance and to ensure regulatory compliance
- Conducted and presented an investigation of the structure-born vibrations of a cello-podium system and its resulting acoustical properties

President, Business Manager
After Six Music | Mar 2021 – June 2024 | Ithaca, NY
- Founded the A6 Music LLC to give the band more financial flexibility and legitimacy, which opened the door for many paid gigs
- Networked with Ithaca musicians and venue owners to open for visiting artists like Couch, Bermuda Search Party, Aminé, COIN, and to headline our own sold-out shows