

Dmitri Volkov

dmitri.s.volkov@gmail.com

(203) 648-8971

dmitrivolkov.com

Ridgefield, CT 06877

linkedin.com/in/sporkl/

EDUCATION

Indiana University, Bloomington IN, USA

2021 - present

B.S./M.S. in Computer Science and B.M. in Music Composition

Minor in Computer Music and Math, Computer Science concentrations in Programming Languages and Fundamentals. Member of Hutton Honors College. Cumulative GPA: 3.99. Credits taken: 219.

Institute for Research and Coordination in Acoustics/Music (IRCAM), Paris, France

2024

Contemporary Music Creation and Critique course in Max/MSP and other IRCAM software.

EXPERIENCE

Undergraduate Instructor at Indiana University Bloomington

2023 - present

Courses: CSCI-C 311/H11/A595 Programming Languages, CSCI-A290/A590 Straight Line to Deep Learning. Provide prompt and in-depth feedback for students, help students to solidify understanding of course material, collaborate with other instructors to develop course materials.

President and founding officer of Quantum Technologies for Everyone Club

2022 - present

President and founding officer. Organize 2023 Quantum Day as co-chair. Schedule and lead meetings, network and invite professionals, coordinate efforts among club leaders, manage finances.

Independent Software Developer and Researcher

2019 - present

Develop highly-regarded apps and plugins, released on App and Google Play stores and personal digital storefront, achieved over 300 sales with minimal advertising. Novel research into various subjects, including computer music and quantum computing. Present at festivals and international conferences, and contribute to journal articles and textbook chapters.

SKILLS

Programming Languages:

C/C++, SQL, JavaScript/TypeScript, R, OCaml, Racket, Python.

Specializations:

functional programming, programming languages, audio/music, quantum, mathematics.

Music:

composition, violin, trombone, computer music, music production, audio engineering.

Miscellaneous:

UNIX shell, technical communication, office apps, Linux, macOS, Windows, Bitwig, Logic Pro, Blender, DaVinci Resolve, LaTeX, HTML/CSS, Spanish.