

Evan F. Lynch

evan.f.lynch@gmail.com +1(719)330-1188

220 Putnam Avenue, Cambridge, MA 02139

EDUCATION

Massachusetts Institute of Technology

Master of Engineering in Electrical Engineering and Computer Science (2016)

Bachelor of Science in Physics and Computer Science and Engineering (2014)

Minor in Music (2014)

WORK EXPERIENCE

Interstitial Technology Cooperative

Member Software Engineer

Remote

Jan 2021 - present

Member of employee-owned collective of technology freelancers looking to combine skills and work together on projects we believe in.

iZotope Inc.

Senior Software Engineer

Cambridge, Massachusetts

Jan 2017 - present

I have broad responsibilities in a cross-functional team which build new audio software products. These range from design of new DSP algorithms, to architecting internal frameworks and tooling, to implementing complex user-interfaces, to project management.

Responsive Environments

Graduate Research Assistant, MIT Media Lab

Cambridge, Massachusetts

Sep 2014 - Jan 2016

Responsive Environments

Undergraduate Researcher, MIT Media Lab

Cambridge, Massachusetts

Jun - Sep 2013

Used sound-spacialization techniques to render an immersive sonic environment as a way of interfacing with a sensor network—in this case a wetland environment outfitted with highly extensible sensor nodes. Developed a platform for creating immersive, interactive musical compositions driven by live data from the sensor network.

Benchling Inc.

Software Engineering Intern

San Francisco, California

Jun - Aug 2014

Designed and implemented Benchling's first user-facing API for genetic sequence analysis and manipulation. Designed and implemented new features for Benchling's platform including an image editing tool and a bacterial colony counting tool.

SKILLS

Advanced: C++, Python, TypeScript/JavaScript/Node/ReactJS, C, MaxMSP

Learning: Julia, Elm, Java, Haskell, Rust, R, Matlab

Experience prototyping with microcomputers

Real-time multi-threaded C++

Signal Processing (Analog and DSP)

Data analysis

Making sounds

OTHER

Github: <https://github.com/eflynch>

Cello, Guitar, Tenor Banjo, Fiddle, Keys, Chamber Music, Orchestra

Music composition and sound art projects

Experience with consensus-based decision making processes