

MINH NGUYEN

Seattle, WA 98122 | <https://nalimusic.github.io/>

Email: nali.minh.ng@gmail.com |

SUMMARY

COMPUTER SCIENCE

AUDIO PRODUCTION

International student at University of Washington, an awardee of two STEM fellowships, with community volunteer experiences.

TECHNICAL SKILLS

- *Audio Production*: DAW (Pro Tools, Ableton Live).
- *Programming*: C++, C#, Python, MATLAB, Java, Max/MSP, Ruby, R, HTML, CSS, JavaScript.
- *Platform*: Android (mobile), Unity (game development), JUCE (C++).
- *DSP/AI*: NumPy, Matplotlib, NLTK, Weka, TensorFlow.
- *Others*: Wwise (middleware), Music theory, Instruments (piano, guitar), Agile methodology.

HONORS & AWARDS

- 2020. SoundGirls' Leslie Ann Jones scholarship in Honor of Ethel Gabriel.
- 2014-2017. Vietnam Education Foundation fellowship. Top 40 students in STEM (national).
- 2017. IBM Social Good fellowship.
- 2009-2014. Dean's Honor scholarships.

EDUCATION

UNIVERSITY OF WASHINGTON, SEATTLE

09/2020

Professional & Continuing Education

Audio Production Techniques: Music & Video Post-Production

UNIVERSITY OF SOUTHERN CALIFORNIA, LOS ANGELES

12/2017

MSc. in Computer Science

Signal Processing / Machine Learning / Artificial Intelligence (AI)

HO CHI MINH CITY UNIVERSITY OF TECHNOLOGY, VIETNAM

04/2014

Honors BEng. in Computer Science & Engineering

Human – Computer Interaction

SELECTED EXPERIENCES

INTERN - WOMEN'S AUDIO MISSION (WAM)

Spring 2021 (current), Virtual/Remote, USA

- Assisting WAM instructors with audio classes, workshops & events.

RESEARCH FELLOW - IBM THOMAS J WATSON RESEARCH CENTER

Summer 2017, New York, USA

- Topic: AI for Social Good, Sustainability
- Project: Building Simpler Voice - an AI system for low-literate adults by decoding complex texts into simple messages & visual/audio elements.
- 1 Patent granted (05/2020).

RESEARCH ASSISTANT • UNIVERSITY OF SOUTHERN CALIFORNIA (USC)

2014 - 2017, Los Angeles, USA

- Topic: Signal Processing, Machine Learning
 - Project: Developing ATOM-HP - a system supporting physicians to quantify performance of cancer patients during chemotherapy by analyzing signals from wearables worn by patients & 3D camera.
- Deploying the system at 4 local LA hospitals.

RESEARCH STUDENT • HO CHI MINH CITY UNIVERSITY OF TECHNOLOGY (HCMUT)

2012 - 2014, Ho Chi Minh City, Vietnam

- Topic: Human – Computer Interaction
- Project: Mobile phone authentication using human voice & biometrics.

OTHER PROFESSIONAL & COMMUNITY SERVICES

Volunteer: The Vera Project (2020), Grace Hopper Conference (2016), ICDM: International Conference on Data Mining (2015).

Mentor: Mentoring high school & undergrad students on summer projects at USC (2014 - 2017).

Guest Lecturer & Teaching Assistant: CS-585 Database Systems (2016, 2017), INF-552 Machine Learning for Data Informatics (2015).