

# MINH NGUYEN

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## 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, 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.
- 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.

### 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).

**Student Club President:** Organizing events for Computer Science students at HCMUT (2012 - 2013).