

# 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#, Chuck, Java, Ruby, HTML, CSS, JavaScript, MATLAB, R.
- *Platform*: Android (mobile), Unity (game development).
- *DSP/AI*: NumPy, Matplotlib, NLTK, Weka, TensorFlow.
- *Others*: Music theory, Instruments (piano, guitar), Agile methodology.

## HONORS & AWARDS

- *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

EXPECTED 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

## EXPERIENCES

### 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), SSEAYP: Ship for Southeast Asian and Japanese Youth Program (2011).

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

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

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