

BEATRICE HOANG

Computer Science and Modern Culture & Media student interested in the bridge between technology and visual/performing arts

Cell: [512-521-4755](tel:512-521-4755) Email: beatrice_hoang@brown.edu Website: www.beatricehoang.com

EXPERIENCE:

National Center for Preservation Technology and

Training | 3D Lab Assistant

August 2018 – March 2020

- » Oversaw archival 3D scanning and 3D printing of poverty points in the NCPTT's 3D Lab.

Veksler Academy of Music & Dance | Piano Teacher

February 2021 – August 2021

- » Piano teacher for students 3 years old and up

Holy Family Middle School | Math Club Teacher

August 2016 – August 2017

- » Taught competition math to 4th and 5th graders weekly, organizing lesson plans to teach topics in Number Sense, General Math, and Calculator Skills.

PROJECTS:

Image to LaTeX | Computer Vision Final Group Project

May 2021

- » Created a character-by-character convolutional neural network model to convert handwritten Math equations/symbols into LaTeX markup language.

Spotify Genre Prediction | Data Science Final Group Project

August 2021

- » Classified songs into genres using a K-Nearest Neighbors model.

Movie Information VR App | Unity Engine Project

January 2021

- » VR application to interactively browse movie details. Implemented wayfinding, object transformation, and UI functionality

EDUCATION:

Brown University

BS in Computer Science, Modern Culture and Media

(Double Concentration)

Expected May 2024

SKILLS:

Python • C++ • JAVA • HTML5 • CSS
• SQL • LaTeX • Unity

RELEVANT COURSEWORK:

Computer Vision

Data Science

ColumbiaX: Artificial Intelligence

UCSDX: Computer Graphics

UCSDX: Creating Virtual Reality Apps

Linear Algebra

Intro to Discrete Structures

UCSDX: How Virtual Reality Works

ACTIVITIES:

Fashion @ Brown | Photographer

August 2020 – Present

- » Photograph events and editorial for F@B's digital presence and publications.

Brown|RISD Innovation Community |

Cohort Member

January 2021 – Present

- » Interdisciplinarity collaboration between Brown and RISD students on creative projects