

Mimi Doan

SOFTWARE ENGINEER

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Education

New York University

New York, NY

B.A. COMPUTER SCIENCE & TECHNOLOGY STUDIES

Sept. 2015 - Exp. May. 2019

- GPA: 3.72
- Coursework: Computer Systems Organization, Data Structures, Algorithms, Applied Internet Tech, Projects in Programming and Data Science, Tinkering in Feminist Technoscience

Skills

Languages: Javascript, Java, Python, C, HTML & CSS **Frameworks:** Express.js, React, Flask

Datastores: MongoDB, MySQL, Firebase

Tools: Git/Github, REST APIs, Unity

Spoken Languages: English (Fluent), German (Conversational), Vietnamese (Conversational)

Work Experience

NYU-X Holodeck

New York, NY

RESEARCH ASSISTANT

Oct 2017 - Present

- Working with Professor Winslow Burleson to integrate emerging AR/VR technologies into the NYU-X Holodeck, an experimental educational environment.
- Developing Java and Javascript APIs for collecting affective sensing data through EEGs, Skin Conductors, and Gaze Trackers.

Hakook

New York, NY

CO-FOUNDER

May 2016 - Present

- Configure data collection methodologies to generate meaningful metrics that can ultimately guide public sector and nonprofit sector policies that address street homelessness.
- Establish social media and marketing strategies to raise awareness for homelessness and Hakook
- Develop and manage street team program consisting of 22 volunteers who distribute socks, food, and soaps to people on the streets.

Hubneo Virtual Reality Lab

New York, NY

VIRTUAL REALITY MOTION SIMULATOR TESTER

June 2017 - Present

- Aid in the optimization of motion simulation software including SimXperience and SimTools.
- Operate full motion VR simulation equipment and VR Hardware including HTC Vive and Oculus Rift.
- Develop marketing strategies for new VR consumer market and design promotional materials in Photoshop.

Honors & Awards

2017 **Winner - Social Venture**, Stern 300K Graduate Business Competition

New York, NY

Projects

Last Ditch

New York

DEVELOPER

April 2017

- Panic button style web application for Activists using Node.js

Bookmarks

New York, NY

DEVELOPER

Dec. 2017

- Web application that allows users to share their bookmarks bars. Built in Node.js and utilized MongoDB as the main datastore.

WeAreAmericanValues.org

New York, NY

DESIGNER/WEB ADMINISTRATOR

Jan. 2017 - Present

- Digitized database of 27 causes and 250+ organizations to help New Yorkers engaged (or re-engaged, or more deeply engaged) in civic life. Since the New York site launched the American Values Network has grown to include Seattle, New Jersey, and San Diego
- Provide technical support for researchers and track metrics on site performance and user behavior using Universal Google Analytics.