

JOSH DUHAY

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education

Bachelor of Science: Cognitive Science

2015 - 2019

University of California, San Diego

Specializing in Human-Computer Interaction with a minor in Computer Science.

GPA: 3.3

work and volunteer experience

Interaction Design Intern

Jul 2017 - Current

EnVision Arts & Engineering Maker Studio and Birch Aquarium

Design, development, and implementation of interactive exhibits for Birch Aquarium at Scripps in preparation for Expedition (opening May 2018) which will embody the Aquarium's mission to engage and inspire people seeking to understand our planet, empowering action for a healthy Earth.

Volunteer

2016 - 2017

Alternative Breaks

Tackled the issue of mental health and stigma and provided assistance for children with autism and related behavioral challenges at Damar Services located in Indianapolis, Indiana.

Production Assistant

2016

Candy Ego (Short Film)

Assisted in sound operation and the transportation, setup, and management of film equipment across sets.

skills

Java · C · Python · Unix · HTML + CSS · SPARC Assembly · Git · Jupyter · Final Cut Pro · Sony Vegas Pro · Adobe Photoshop

relevant coursework

Computational Linguistics · Computer Organization and Systems Programming · Data Science in Practice · Data Structures · Interaction Design · Language · Managing Diverse Teams · Object-Oriented Programming in Java · Research Methods and Statistical Analysis

projects

Sarcasm Detector

Implemented a sarcasm detector for tweets by utilizing methods including part-of-speech tagging, bigram pattern matching, and sentiment analysis.

Tech: Python, Jupyter, NLTK

Study Jam

Developed a collaborative note-taking web application that encourages periodic studying and friendly competition through the use of user-generated quiz questions and a leaderboard system to see who knows the material best.

Tech: HTML, CSS, JavaScript