

MICHELLE ZHANG

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EDUCATION

University of Michigan
Bachelor of Engineering
College of Engineering
Graduation Date: April 2021
Major: Computer Science
Minor: Entrepreneurship
and Multidisciplinary Design
GPA: 3.6

TECHNICAL SKILLS

C++
Python
JavaScript
HTML
CSS
React.js
PHP
SQL
Java
Express.js
Git
Graphic Design
Adobe Creative Cloud

HONORS

Grace Hopper Conference
Scholarship
September 2018
Google
Grace Hopper - Women in
Tech Scholarship
September 2018
Bank of America
Grace Hopper Conference
Scholarship
September 2018
Qualcomm
Best Use of Stdlib API
November 2017
Stdlib
Best Mobile Multi-Person
Game Platform
November 2017
Zomaron

RELEVANT COURSES

Data Structures & Algorithms
Discrete Math
Web Design
Web Systems
Computer Organization

EXPERIENCE

EECS 485: WEB SYSTEMS | TEACHING ASSISTANT SEPTEMBER 2019 - PRESENT

- Create and maintain projects and forums as well as develop and grade exams
- Review lecture content in discussion once a week and host office hours for students

BANK OF AMERICA - MERRILL LYNCH | TECHNOLOGY ANALYST INTERN JUNE 2019 - AUGUST 2019

- Built a modern visualization solution to help support staff monitor and easily understand the health of the risk engine service using React.js and custom REST API
- Visualize report requests in a way that helps load balance and optimize the user demand and drive decommissioning of unused reports

LEARNING A-Z | SOFTWARE ENGINEER INTERN MAY 2018 - AUGUST 2018

- Implemented a new feature on the main product, Reading A-Z using the MVC Model, SQL, PHP and Javascript; feature allowed for a randomly selected book to provide students with double the amount of stars
- Developed full stack software to provide a proof of concept using third party APIs

NANOPROBES INC | RESEARCH INTERN JUNE 2017 - AUGUST 2017

- Aided in development and promotion of a new product called QuikHis™ by creating product design and a video for product advertisement

AYC MEDIA | DESIGN INTERN JULY 2016 - AUGUST 2016

- Designed ads for companies such as Anheuser-Busch and icons for small startup companies as well as rebrand the entire company from color scheme and typography to logo design

PROJECTS

FOR GLORY | HACK WESTERN 4 NOVEMBER 2017

- BEST USE OF STDLIB API - Stdlib**
- BEST MOBILE MULTI-PERSON GAME PLATFORM - Zomaron**
- Created Super Smash Bros bot for Slack channels to go with a website containing live rankings based on Elo for the Slack workspace
- Worked on the back end to create the functionality for the Slack channel using the Stdlib company's APIs and Node.js

MUSICX | PERSONAL PROJECT AUGUST 2018

- Created an application that uses the Spotify and LIFX APIs to control the color of a LIFX light bulb to match the currently playing song's mood and allowed for live updates
- Used Express.js as the framework to help create a webpage reflecting audio information about the currently playing song

LVL UP | EECS183 FINAL PROJECT DECEMBER 2017

- Made an AI Python project that generated themed video game music using GameCube sounds, based on the world selection from a GUI designed to look like classic video game

LEADERSHIP

MHACKS | LEAD DIRECTOR JANUARY 2018 - PRESENT

- Lead & logistics director for one of the nation's largest hackathons with over 800 participants
- Resolve tasks such as hacker safety, meals, travel routes, travel reimbursements, venue, scheduling, performances, workshops, swag, minors and photos

SOCIETY OF ASIAN SCIENTISTS AND ENGINEERS | VICE PRESIDENT SEPTEMBER 2017 - PRESENT

- Organize various events for members as well as the general campus to bring awareness to Asians in the STEM field
- Work with companies to host workshops and information sessions to help members find internships and increase diversity in the workplace