



SARAH ZHANG

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EDUCATION

Northeastern University | Boston, MA

May 2019

B.S. Computer Science & Cognitive Psychology

Honors: National Merit Scholar

Relevant Coursework: Algorithms & Data Structures, Database Design, Object-Oriented Design, Artificial Intelligence, Software Development, Human-Computer Interaction, Statistics

SKILLS

Languages - HTML, CSS, JavaScript, Java, SQL

Frameworks - Cypress.io, Gatsby.js

Tools - Git, IntelliJ, VS Code

Design - Adobe XD

PROJECTS

Digital Media Portfolio | <https://github.com/sazhang/eva-portfolio>

Fall '19

- Built a static progressive web app using Gatsby.js to showcase media work of a video journalist
- Programmatically created pages from markdown files and used GraphQL to query data
- Achieved high scores for performance, accessibility, best practices, SEO, and PWA in Lighthouse audits

Podcast Recommender | <https://github.com/sazhang/podfavs>

Spring '19

- Built a RESTful service with Spring to generate content-based recommendations for given queries
- Scraped websites to collect data about podcasts using Selenium WebDriver
- Used Spring Data to persist and query data stored in a Neo4j graph database hosted on an EC2 instance
- Developed a responsive web app using React.js, Emotion (CSS-in-JS library), and Tailwind CSS
- Deployed iterations of the app to AWS Elastic Beanstalk

Santorini Game | *Software Development Final Project*

Fall '18

- Implemented a client-server application in Java that supports round-robin tournaments in which players participate in a series of games that are supervised by referees and a tournament manager
- Utilized socket programming to send JSON objects over TCP to facilitate communication between the server and multiple clients

EXPERIENCE

The Honest Company | *Software QA Temp*

June '19 - Present

- Build and maintain test automation framework using Cypress.io for a replatformed e-commerce system
- Executed end-to-end tests to identify launch critical defects in the new e-commerce platform, order management system, and third-party service integrations
- Work with internal and external stakeholders to assess and prioritize defects and manage releases

Lifespan Emotional Development Lab | *Research Assistant*

Sept '16 - Aug '17

- Ran studies with student and elderly participants to examine age differences in emotion regulation strategies by assessing video game selection, gameplay, and mood changes across valence categories
- Analyzed behavioral data in SPSS and eye tracking data in D-Lab
- Volunteered at the Museum of Science, Boston for three months to recruit research participants and conduct experiments exploring age differences in self-selection of emotional media content

ACTIVITIES

NU PsyClub | *President*

Fall '17 - Fall '18

- With two other board members, organized and promoted club meetings and campus-wide events aimed at helping undergraduate psychology majors navigate their academic and career journeys