



# SARAH ZHANG

 sarahzhang.co  
 github.com/sazhang

 zhang.sar@husky.neu.edu  
 dribbble.com/sarahhz

## EDUCATION

**Northeastern University** | Boston, MA May 2019  
B.S. in 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 in Psychology  
Activities: Psychology Club - President; Civic Engagement Program

## SKILLS

**Languages** - HTML, CSS, JavaScript, Java, SQL  
**Frameworks** - Gatsby.js, Cypress.io, JUnit  
**Tools** - Git, IntelliJ, VS Code  
**Design** - Adobe XD

## PROJECTS

**Digital Media Portfolio** | <https://github.com/sazhang/eva-portfolio> Fall '19

- Designed and developed a progressive web app using [Gatsby.js](#) to showcase a video journalist's work
- Programmatically created pages from Markdown files and used [GraphQL](#) to query data
- Achieved high scores for performance, accessibility, best practices, and SEO in Lighthouse audits

**Podcast Recommender** | <https://github.com/sazhang/podfavs> Spring '19

- Built a RESTful service with [Spring](#) to generate content-based recommendations when queried
- Scraped websites using [Selenium](#) to collect data such as ratings, keywords, and descriptions
- Used [Spring Data](#) to persist and query data stored in a [Neo4j](#) graph database hosted on an [EC2](#) instance
- Designed and developed a responsive web app using [React.js](#), [Emotion](#) (CSS-in-JS), 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

- Create a test automation framework using [Cypress.io](#) for the replatformed e-commerce ecosystem
- Build, maintain, and document automated test cases, following SOLID, DRY, and BDD principles
- Work with internal and external stakeholders to assess and prioritize defects
- Prior to the MVP launch, executed end-to-end tests to identify and report launch critical bugs in the new e-commerce platform, order management system, and third-party service integrations

**Hutchinson Lab of Cognitive Neuroscience** | *Research Assistant* Jan '18 - June '18

- Ran studies investigating visual statistical learning mechanisms using an incidental encoding paradigm

**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