

Elizabeth Cho

Email: echo30@jhu.edu | Website: [Elizabeth-Cho.github.io](https://github.com/Elizabeth-Cho) | Phone: (717) 537-1610 | GitHub: Elizabeth-Cho

Education

Johns Hopkins University — Baltimore, MD

B.S. Biomedical Engineering, Computer Science, Applied Mathematics and Statistics

Expected 2022

Relevant coursework:

Intermediate Programming (C/C++), Calculus III, Discrete Math, Data Structures, Linear Algebra, Differential Equations, Automata and Computation Theory, Computer System Fundamentals, Artificial Intelligence, Intro Algorithms, Intro to Probability, Combinatorial Analysis

Skills

Java, C/C++, HTML, CSS, JavaScript, Python, Git, AWS, MySQL, Assembly, Wordpress, Canva, Adobe Illustrator, Adobe Photoshop, Adobe Premiere Pro, Adobe InDesign, Adobe After Effects, FireAlpaca, Krita

Professional Experience

The Jackson Laboratory — Human Genomics DevOps Intern — Farmington, CT

June 2020 - Aug. 2020

- Developed an admin portal using Flask to allow researchers to change configuration settings
- Improved user interface of registry based off of stakeholder feedback
- Learned Angular in order to contribute to ongoing projects
- Created a presentation to summarize internship experience and presented to clinical IT

Parsy.io — Web Development Intern — Baltimore, MD

May 2019 - Oct. 2019

- Designed and implemented landing page with HTML/CSS/JavaScript
- Communicated with team to incorporate landing page to ensure uniformity throughout the site
- Developed subscription endpoint using Flask and Fetch API

Thread — Communications Intern — Baltimore, MD

Oct. 2018 - May 2019

- Updated content and implemented elements on a Wordpress website with HTML/CSS
- Designed branded presentation templates
- Created forms and spreadsheets to streamline and organize requests for social media posts and speakers
- Compiled and analyzed data for weekly reports used to adjust social media strategy

UConn Cutting Edge — Research Assistant — Farmington, CT

July 2017

- Characterized frameshift mutations created by CRISPRs in ARGLU1 knockout cells with a graduate student
- Ran PCR gels and analyzed frameshifts on a chromatogram
- Presented research at the end of internship

Extracurriculars and Leadership

MedHacks Organizer — Promo Team (Graphic Design)

Feb. 2020 - Present

- Created and animated social media and website assets
- Designed mascot for 2020 event

HopHacks Organizer — Design Team

May 2019 - Present

- Created Facebook frames to promote hackathon
- Designed and created flyers and promotional material for events

Projects

Parsy.io Landing Page — HTML, CSS, JavaScript

July 2019

- Designed the landing page, which includes smooth scrolling and an email subscription sign up

Get in the Frame — HTML, CSS

Feb. 2019

- Worked on front end and design for a web app designed to help people out with proper punching technique

Personal Website — HTML, CSS, JavaScript

Nov. 2017 - Present

- Designed and developed a website to use as a digital portfolio

Information Medical Database Collection — Java

May 2017

- Proof of concept of a solution that automates triage to address emergency room overcrowding

Awards

Society of Women Engineers Freshman Scholarship

July 2018