

STEPHANIE CHUI

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EDUCATION

Washington University in St. Louis

Expected Graduation: May 2021

MAJORS: Computer Science, Applied Math

MINOR: Dance

SKILLS

Programming Languages

Python | Java | C++ | MATLAB | JavaScript |
HTML/CSS | React | R

Other Skills

Github | Continuous Integration |
Object Oriented Programming | UI/UX

COURSES

Computer Science

Analysis of Network Data | Algorithms |
Data Science | OOP | Machine Learning |
Parallel and Concurrent Programming |
Quantum Computing | Web Dev | AI

Mathematics

Probability and Statistics | Linear Algebra |
DiffEq | Calc | Nonlinear Dynamics & Chaos

LEADERSHIP & INVOLVEMENT

Women in Computer Science

Director of Marketing & PR

Colour Magazine

Creative Director, Web Dev

Other Clubs

Armour Magazine (Director & Makeup Artist)

WUSTL Dance Theater

Student Dance Showcase

Association for Women in Math

WORK EXPERIENCE

FindtheMasks (Open Source)

June 2020 - August 2020

SOFTWARE ENGINEERING INTERN

- Collaborated with a team of developers, PMs, and data scientists across the world to develop a crisis response website reaching over 4,000 facilities in need of PPE
- Developed filtering capability and several other front end features using JavaScript, React, and Handlebars
- Implemented unit testing capability in both front and back end functions for 40+ developers using Jest.

Washington University in St. Louis (WUSTL)

January 2019 - Present

HEAD TEACHING ASSISTANT - DATA STRUCTURES AND ALGORITHMS

- Managing a team of 60+ TAs and 300+ students
- Developing course material in Java curriculum and grading rubrics on topics such as asymptotic complexity, sorting algorithms, priority queues, hashing, ordered sets, graph searches, and greedy algorithms

GRADING LEAD

- Regulating other TA's on grading labs, answering grading questions, curating a rubric, and maintaining grading consistency

Techlab Education

June 2019 - August 2019

WEB DEVELOPER & INSTRUCTOR

- Improved Techlab's website by working alongside other interns to create a high quality, functional website
- Created an Intro to ML and Data Science course including developing projects, syllabi, and coursework
- Taught class of middle school and high school students foundational coding principles in Python

INDEPENDENT PROJECTS

Data Science Research Project

Improving the EMD (Empirical Mode Decomposition) process using Spline Interpolation

MEDHACKS Johns Hopkins

Developed app geared to combat the bystander effect & prevent sexual assault

Mill + Brook Etsy Store & Site

Co-founder of online sticker shop
Developing and designing business website with Etsy API

PARSONS School of Design | The New School

Summer 2018 Graphic Design Course