Sari Pagurek van Mossel

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EDUCATION

- Queen's University Bachelors of Computing Honours with Minor in Film and Media (Expected Graduation 04/25)
  - Achieved Faculty of Arts and Sciences Dean's Honours List (2021 - 2022)

EXPERIENCE

Development Team Lead & Web Designer — Present
- Canadian Youth for Youth Empowerment
  - Managing and collaborating with a team of five developers and UX designers to create a mental health based online platform including a messaging form page using React.js, API implemented feedback system, and custom Content Management System with PHP and MySQL

UX Design Intern
- Goodself Co. — May 2022 - Present
  - Lead responsibility in creating and updating app UI design features in Figma to coincide with code and visual functionality, View work samples here
  - Effectively conducting quality assurance testing using code pull requests from Github using command line, Visual Studio Code, and Xcode Simulator
  - Strategizing and creating both static and motion graphic content for marketing endeavours using After Effects, Premiere Pro, Illustrator, Photoshop, and Canva

Web Developer — April 2022 - Present
- Queen's Women in Computing (QWIC) at Queen's University
  - Creating and implementing new features to the QWIC website using HTML and CSS; updating previously existing pages to be mobile friendly

Head of Portfolio Photography — April 2022 - Present
- Vogue Charity Fashion Show (VCFS) at Queen's University
  - Leading shoots and editing photography for VCFS cast and crew
  - Co-managing the photography crew and interns through projects and tasks

Layout Designer
- QUILT Undergraduate Literary Publication at Queen's University — Jan 2022 - June 2022
  - Formulated and collaborated on magazine layouts, covers, and illustrations in Adobe Creative Suite, View latest publication here

Technician & Teacher's Assistant
- Ottawa School of Art — 2018 - 2021
  - Taught children artistic techniques, planned daily activities, and organised art materials

PROJECTS

Predicate Logic Calculator: View Here — Personal Project 2022
- Implemented a recursive Python algorithm to parse and evaluate a given predicate logic expression and return a completed truth table
- Interfaced the Python code with React.js using brython (a JavaScript based Python interpreter)

Flood Fill Algorithm: View Here — Academic Project 2022
- A Java algorithm that reads text files of 2D arrays and recursively fills enclosed regions of empty cells to complete an image

Document Reader: View Here — Academic Project 2022
- A Python script which, using the library tkinter, reads through a given directory of text files and uses Jaccard's Similarity Measure to determine the most similar files, disregarding common stop words

Personal Portfolio Website: Saripagurek.com — Personal Project 2021
- Designed in Figma; created using HTML, CSS, and JavaScript
- Github repository: https://github.com/saripagurek/saripagurek.github.io
- Gained a strong knowledge of HTML and CSS through multiple iterations of the website, as well as the ability to implement design ideas preplanned in Figma

Generative 3D Shapes: View Here — Personal Project 2020
- Gained a working knowledge of the graphics library p5.js
- Created an OBJ exporter to enable 3D printing by collecting vertices of cubes

SKILLS

Languages and Frameworks: HTML, CSS, Python, JavaScript, Github, Java, Bash, C, React.js

Experience with Python libraries: pytest, pydoc, tkinter, matplotlib, numpy, and JavaScript library: p5.js

Software and Tools: Figma, Adobe Creative Suite, XCode, Github

AWARDS

HackHer (Queen's University Hackathon) First Place Category Winner in Food Insecurity & Social Good (2023)

Queen's University Principal's Scholarship for Academic Excellence (2021)

Ottawa Carleton District School Board Silver Medal given to averages of 90+ (2019-2021)

Ontario Scholar Award (2021)

Lisgar Collegiate Institute Michael Rust-Smith Memorial Award for Excellence in Arts and Science (2021)

Lisgar Collegiate Institute Award for Excellence in Visual Art (2021)