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

UX Design Intern
May 2022 - Present
- Goodself Co.
  - Lead responsibility in creating and updating app UI design features in Figma to coincide with code and visual functionality, View work samples here
  - Effectively conduct quality assurance testing using code pull requests from Github using command line, Visual Studio Code, and Xcode Simulator
  - Strategize and create 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
  - Create and implement new features to the QWIC website using HTML and CSS
  - Update previously existing pages to be mobile friendly

Head of Portfolio Photography
April 2022 - Present
- Vogue Charity Fashion Show (VCFS) at Queen's University
  - Lead, shoot, and edit portrait photography shoots for VCFS cast and crew
  - Co-manage the photography crew and lead interns in projects and tasks

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

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

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

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 working 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

AWARDS

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)