

# Sari Pagurek van Mossel

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Phone: 613-413-3304

Github: <https://github.com/saripagurek>

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## Skills

- HTML, CSS, Python, JavaScript, Github, Java, Bash, C, React.js
  - Experience with Python libraries: pytest, pydoc, tkinter, matplotlib, numpy, and JavaScript library: p5.js
- Figma and Adobe Suite (Illustrator, Photoshop, Lightroom, Premiere Pro, Animate, After Effects, InDesign)

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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)

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## Work Experience

### UX Design Intern

2022 - 2023

- 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](#)
  - Tested code pull requests from Github using command line, Visual Studio Code, and Xcode Simulator
  - Strategized and created both static and motion graphic content for marketing endeavours using After Effects, Premiere Pro, Illustrator, Photoshop, and Canva

### Web Developer

2022 - 2023

- Queen's Women in Computing (QWIC) at Queen's University
  - Created and implemented new features to the QWIC website using HTML and CSS
  - Updated previously existing pages to be mobile friendly

### Head of Portfolio Photography

2022 - 2023

- Vogue Charity Fashion Show (VCFS) at Queen's University
  - Led, shot, and edited portrait photography shoots for VCFS cast and crew
  - Co-managed the photography crew and led interns in projects and tasks

### Layout Designer

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

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## 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 js 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](https://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

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## 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)