

# Gwen Whelan

<https://gw000.github.io>

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## Skills

- Food and beverage counter service
- Vegan/vegetarian cooking and baking
- Software engineering in any language (specialty in C and Lisp)
- Programming language design and development

## Experience

**Oso Security LLC**, New York, NY

8/2021 - 6/2022: Software Engineer

- Fixed issues with Polar, a custom logic language written in Rust
- Rewrote Polar, improving performance and reducing code size by ~30x
- Cowrote a generic ORM interface for efficient data selection

**Perelandra Natural Food Center LLC**, Brooklyn, NY

9/2017 - 7/2021: Pastry Lead

- Produced 100s of units/day of muffins, cookies, and other desserts
- Created delicious new recipes using organic plant-based ingredients
- Operated the juice bar, serving custom smoothies and other beverages
- Cleaned and maintained all equipment and ordered supplies

**Sefaira Inc.**, New York, NY

3/2014 - 10/2015: Software Engineer

- Created green building design tools using Scala, JS and Ruby
- Developed tools for daylight visualization and HVAC energy analysis
- Designed user interfaces to back end simulation services

## School

- B.A. Math, 2012, CUNY Brooklyn College, Brooklyn, NY
- A.S. Math, 2010, CUNY BMCC, New York, NY