

Gwen Whelan

<https://gw000.github.io>

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[1-215-800-8047](tel:1-215-800-8047)

Skills

- Full-stack software engineering in most languages
- Programming language design and development
- Vegan/vegetarian cooking and baking
- Food and beverage counter service

Experience

Oso Security LLC, New York, NY

8/2021 - 6/2022: Software Engineer

- Developed Polar, a custom relational language written in Rust
- Rewrote Polar, improving performance and reducing code size by ~30x
- Cowrote a portable relational DB 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

Education

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