Gwen Whelan

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1-215-800-8047

Skills

- Full-stack software engineering in most languages
- Programming language design and development
- Low-level embedded and systems programming
- Vegan/vegetarian cooking and baking

Languages & Tools

- Rust, C, Lisp, JS/TypeScript, Ruby, Python, Haskell, Java, Scala, Go
- SQL, GraphQL, HTML, CSS, Node.js, React, Redux
- Git, GDB, Vim, shell scripting, Linux/Unix

Experience

Oso Security LLC, New York, NY
8/2021 - 6/2022: Software Engineer
- Developed Polar, a Prolog-like relational language written in Rust
- Extended interoperability with six different application languages
- Led a rewrite of Polar for Oso Cloud, reducing code size by ~30x
- Architected a portable API for fast pre-authorized data retrieval

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