

# Leonora Tindall — Web and Systems Software Developer

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## Education

**Beloit College**, Beloit, WI – *Pursuing a BA in Computer Science* (August 2016 – June 2020)  
3.75 GPA. Other coursework includes creative writing, rhetoric, philosophy, and sociology.

## Experience

**Freifunk**, Berlin, Germany – *Google Summer of Code Volunteer* **May 2019 – Ongoing**

- Develop a greenfield telecommunications project in collaboration with a global remote team.
- Designed and built a testing framework for eventually consistent systems.
- Collaborated on the design of an extensible and secure service API.
- Created ergonomic and easy-to-use APIs using Rust's powerful static type system

**CancerIQ, Inc.**, Chicago, IL – *Software Engineering Intern* **May 2018 – August 2018**

- Develop clinical software in a DevOps-heavy environment with a small group of engineers.
- Designed and implemented graph algorithms to search and analyze health data using the Rust language.
- Worked within an agile framework with 2-week sprints to rapidly deploy new features and fixes.
- Created a monitoring and alerting system to ensure uptime of a large Kubernetes deployment.

**Beloit College**, Beloit, WI – *Volunteer Full Stack Developer* **September 2017 – May 2019**

- Developed front-end, back-end, and database components of the [Open Energy Dashboard](#).
- Built and tested a high-capacity API for data transfer between measurement devices and PostgreSQL.
- Performed user experience testing with A/B tests and in-person interviews.
- Refactored a large React.js codebase to significantly improve developer productivity and performance.

**güdTech, Inc.**, San Diego, CA – *Software Engineering Intern* **May 2017 – August 2017**

- Built developer productivity tooling for a team of engineers working in a service oriented architecture.
- Implemented command line tools using Go, working with the internals of Docker and Docker Compose.
- Worked with senior engineers to orchestrate onboarding and automated testing of microservices.

## Skills

- Programming languages: Rust, Python 3, JavaScript, TypeScript, Go, Lua 5.2
- Technologies: PostgreSQL, Express.js, Rocket.rs, Nginx, React.js, Flask
- DevOps: microservice thinking and design, Docker (and internals), Kubernetes, Prometheus, Grafana
- Engineering: test-driven development, advanced version control workflows, code review techniques
- General skills: rapid learning, time management, binary reverse engineering, advanced Linux knowledge

Projects (these and many more at [nora.codes/projects](https://nora.codes/projects))

**Open Energy Dashboard** – Energy data analysis application built with Node.js, React.js, and PostgreSQL.

**RFortune** – Proof of concept ultra-fast, ultra-light quotes website and API built with Rust and Rocket.rs.

**Silvr** – Single-user blogging/CMS software built with Python 3, Flask, and SQLite.

## Recognition

Consistently on the **Dean's List** as recognition of my high academic performance.

**Featured on Hackaday** for my x86\_64 binary reverse engineering tutorial and Geiger counter project.

**Best Overall Award** at CodeDay Spring 2015 for building an experimental roguelike game in 24 hours.

**Special Award in Multimedia** at CodeDay Spring 2016 for building a software music synthesizer in 24 hours.