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)
Other coursework includes creative writing, rhetoric, philosophy, and sociology. My GPA is currently 3.75.

Experience

Freifunk, Berlin, Germany – *Google Summer of Code Volunteer* (May 2019 – Ongoing)
- Worked with a global remote team to develop a greenfield telecommunications project.
- Designed and built a testing framework for eventually consistent systems.
- Collaborated on the design of the qaul.net base service API.
- Leveraged Rust's powerful static type system to create ergonomic and easy-to-use APIs.

CancerIQ, Inc., Chicago, IL – *Software Engineering Intern* (May 2018 – August 2018)
- Worked with a small team of engineers to develop clinical software in a DevOps-heavy environment.
- 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)
- Worked with a small team of engineers to build developer productivity tooling.
- Built 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
- DevOps: microservice thinking and design, Docker (and internals), Kubernetes, Prometheus, Grafana
- Engineering skills: 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)

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.