

# Rylan Bauermeister

Full Stack Software Engineer in Seattle, WA

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## TECHNICAL EXPERIENCE

**Tools:** AngularJS, AWS, C, CSS, GitHub, HTML, Java, JavaScript, ML, Node, Prolog, React, Redux, Rust, Swift

### Notable Projects

- **HomeSafe:** mapping application that selects routes based on cross referencing crime data, designed to keep people safe during late night commutes downtown. (React frontend, Google API, Redux, Rails backend) (<https://homesafeseattle.com/>) (Currently runs best on Chrome, still in development)
- **t.roS:** sorting algorithm visualizer written in pure JS without external libraries. (<https://tros.herokuapp.com/>)
- **DonationNation:** mock up for a social media application with notifications, chatting, and the ability to exchange fake money. (built on Rails) (<https://donation-nation.herokuapp.com/>)
- Wrote a beat detection algorithm and basic GUI for iOS (Swift)
- Built minesweeper in assembly
- Wrote a ray tracing algorithm (C)

### Technical Blog

2019-Present

Technical blog covering a range of topics from new sorting algorithms, to whitespace edge casing in Ruby.

(<https://medium.com/@rylanbauermeister>)

**Skillmation:** *Web Developer and Technical Writer*

2018-2019

Website improvements and modifications (Drupal, PHP, HTML, CSS)

**Labkey Software:** *Web Developer*

2012-2013

Developed client facing interfaces for sharing and analyzing lab data (Java, Javascript, SQL)

## SUMMARY OF QUALIFICATIONS

- Detailed knowledge of software development lifecycles
- Strong grasp of RESTful routing and APIs.
- Understanding of SCRUM and iterative programming practices.
- Significant experience working with version control systems.
- Skilled in both object oriented and functional design.
- Conversant in Italian, Spanish, German, and English

## ADDITIONAL EXPERIENCE

**Writer:** *Author of three manuscripts, editor, ghostwriter of two books*

2013-Present

**Phinney Neighborhood Association:** *Journalist, interviewer, volunteer*

2016-Present

**Crisis Text Line:** *Crisis Counselor (Volunteer, Level III)*

2017-Present

## EDUCATION

**Web Development Immersive Bootcamp with Flatiron School**

2019

**Bachelor's Degree from Lewis & Clark College in Computer Science**

2012

**GPA:** 3.85

**Relevant Coursework:** Numerical Analysis, Computer Networks, Programming Language Structures, Software Development, Bioinformatics, Computer Architecture and Assembly, and Advanced Computer Graphics