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# Todd Rylaarsdam

## Software Developer + Embedded Systems Engineer

+1 (331) 551-1758

todd@toddr.org

### SKILLS

- Javascript/NodeJS - 1.5 years of full-time professional experience
- Embedded C/C++ - 1.5 years of full-time professional experience
- PCB Design - 1.5 years of full-time professional experience
- Databases - 1.5 years of experience with NoSQL databases like Firestore and InfluxDB
- 3D CAD/Solidworks - 1 year of experience

### EXPERIENCE

#### **Windy City Lab, Chicago** - *Full-Time Intern*

May 2021 - July 2022 (Part-time from March 2020 - January 2021)

- Delivered prototype and production systems to clients from startups to universities
  - Argonne National Laboratory: Underground + wireless soil sensors with a 4-year battery life
  - Northwestern University (Center for Talent Development): Cloud-based DIY CPU Emulator
  - Mayo Clinic: Online graphing dashboard for viewing historical patient ECG data and various vital signs
  - Launch Chicago: Coding-focused, hybrid-first learning management system written in Swift for underserved Chicago teens
- Lead a team of 2 other interns, coordinating development efforts and providing and taking feedback in code reviews
- Provided regular status updates and participated in goal refinements with clients

### EDUCATION

#### **Freshman, George Fox University** - **BS - Computer Engineering**

August 2022 - May 2026

#### **Timothy Christian High School, Elmhurst, IL**

August 2018 - May 2021

- 4.11 GPA
- Created a custom Discord bot to enable the Scholastic Bowl team to compete remotely
- Led the production crew for theater and live productions from 2020-2021

### AWARDS

- 2021 Illinois Academic Challenges in Engineering + Science: Computer Science State Champion