

## WORK EXPERIENCE

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### Meta | August 2021-Present

#### Software Engineer

- Maintain Meta's primary annotation codebase, including a backend capable of scaling to handle large throughputs
- Engineer data lifecycle monitoring tools, enhancing transparency and preventing knowledge transfer inefficiencies
- Transcribe case-tailored frontend code into modular components, reducing onboarding lead-time
- Architect annotation validation tooling, reducing wastage by ~10,000 labeling jobs per week

### Spokane County Fire District 9 | February 2018-May 2020

#### Volunteer Firefighter/EMT

- Responded to an average of three to eight fire, medical, and hazardous material emergencies per week
- Worked within a team to operate and maintain Spokane County Fire District 9 stations and apparatus

## TECHNICAL SKILLS

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### Backend

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|-------------------|---------------|-----------------|
| 1. Hacklang (PHP) | 5. Bash       | 9. Redis        |
| 2. Typescript     | 6. SQL        | 10. GraphQL     |
| 3. Java           | 7. Node.js    | 11. ORM Systems |
| 4. Python         | 8. Express.js |                 |

### Internet Technology

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|-----------------------------|--------------------------------|
| 1. Cloud (via DigitalOcean) | 2. Linux Server Administration |
|-----------------------------|--------------------------------|

### Frontend

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|----------|--------------------|---------------------|
| 1. JS/TS | 3. Next.js         | 5. CSS/Tailwind CSS |
| 2. React | 4. GraphQL Clients | 6. Material UI      |

### Miscellaneous

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|----------------|--------|---------------------------|
| 1. Git/Mercury | 2. Vim | 3. Algs & Data Structures |
|----------------|--------|---------------------------|

## PROJECTS

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### Personal Website + LLM RAG Resume Client | January 2024-April 2024

#### <https://andyreding.com>

- *Stack*: Node.js, Express, express-session, Redis
- Interactive portfolio website featuring recent projects, work experience, and general summary information
- Q&A section powered by an LLM and RAG (retrieval-augmented generation) to respond qualification-related queries

### MND-MNGR | November 2023-January 2024

#### [https://github.com/areding99/mnd\\_mngr](https://github.com/areding99/mnd_mngr)

- Collection of utilities, written using Python & Bash scripting, for managing a centralized source of truth
- Management of canonical notes (day-log & task) supported via a modular, purpose-built query engine

### Financial Market Insight Marketplace | October 2022-March 2023

#### See Personal Website for More Information

- *Backend*: TS, GraphQL(dataloader, graphql-tools, Apollo Server), Node.js, Express.js, Redis, Mikro-ORM
- *Frontend*: React, TS, GraphQL(graphql-tools, Apollo Client), Next.js, Material UI
- Full-stack web application that provides users with a platform to share and view financial market insights

## EDUCATION

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### Gonzaga University | May 2021

#### Bachelor of Business Administration, Summa Cum Laude

- *GPA*: 3.97/4.00
- *Awards/Scholarships*: Senior Award, President's List (Fall 2017-Spring 2021), Trustee Scholarship, Hogan Scholarship
- *Related Coursework*: Algorithms and Data Structures, Software Development, iOS App Development, Discrete Structures, Calculus-Analytical Geometry III, Strategic Leadership

## HONORS AND AWARDS

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### Gonzaga Fourth Year Class Award | September 2020-May 2021

#### Recipient

- Achieved the highest calculated GPA of full-time students in Gonzaga's Class of 2021 for the academic year 2020-2021