

Austin Rognes

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WORK EXPERIENCE

Hy-Vee, Grimes: Software Engineering Intern

May 2022 - Present

- Managed and updated the pharmacy front end using React/GraphQL.
- Updated vaccination form logic and information to reflect CDC guidelines.
- Prepared features to enable when new COVID vaccines were released.

Iowa National Guard: Sergeant/E5

February 2017 - Present

- Deployment: Air Defense Battle Management Operator.
- Integrated into 3 different teams for 3 months each.
- Operated, maintained, and trained other soldiers on air defense systems.

Target, Ames: Asset Protection

November 2021 - February 2022

- Documented stolen assets.
- Evaluated and mitigated risk while discouraging cases of theft.
- Worked 40 hours a week over winter break.

Fareway, South Ankeny: Dairy Department Stocker

July 2014 - June 2018

- Managed time to complete an average of 22 hours a week when not in athletics.

EDUCATION

Iowa State University B.S. Software Engineering, December 2022

- Cyber Security Minor
- GPA: 3.39
- ACT: 29

Activities and Clubs

- Enjoy participating in 24-48 hour hackathons with the ISU Hackathon Club.
- Play CTF on green team with the Information Assurance Club.
- Helped design a fraternity website with Web-Dev Club.

SKILLS

Projects: arognes.com

- Equipment-Record: A Firebase web-app specialized for managing construction equipment using qr-code labels. Centralizes equipment records previously disseminated through printed excel documents. Records lost equipment for each job site and expands all employees' knowledge of current and past equipment location and ownership.
- AlgoGrid: An A* pathfinding and Game of Life visualiser web-app.
- MIT Battlecode 2020 competition with the ISU AI Club.
- BioFun: A unique 2 player online game using socket.io.
- Keyboard: Designed a split, ergonomic, 42 key, bluetooth keyboard pcb.

Programming Languages

- Fluent in JavaScript/TypeScript, C, Java, and Python
- Experience with SQL and noSQL languages, Linux, Vim, Powershell, Bash, Unity (C#), React, Sveltekit, Firebase services, Apollo GraphQL, Node, Sass, Spring Boot, Flask, GCC, VHDL and plenty more.

Certifications

- CS50x online Harvard class: Introduction to Computer Science 2020.

AWARDS

2017 Can I Be Your Neighbor Design Challenge Winner

- Designed an affordable house that was built in Des Moines using Autodesk Revit.
- Gave a five minute presentation of the house to members of the Home Builders Association of Des Moines.
- Learned how to use Autodesk Revit while I designed the house over a month.