

# ABIGAIL RESSNER

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## EDUCATION

**Grinnell College**, Grinnell, IA

Expected May 2027

*Bachelor of Arts, Computer Science*

- Minor in Statistics
- Extracurriculars: Girls Who Code (Facilitator), Machine Learning/AI Club
- Relevant Coursework: Imperative Prob. Solv. (C/C++), Object-Oriented Prob. Solv. (Java), Applied Statistics (R, Markdown), Introduction to Data Science (R), Functional Problem Solving (Scheme)

**Whitfield School**, Creve Coeur, MO

August 2019 – May 2023

*High School Diploma*

- Extracurriculars: Hackathon Team (Captain), Varsity Volleyball, Yearbook Club (Editor)
- Relevant Coursework: AP Computer Science A (Java), Web Development (HTML/CSS), AP Calculus BC

## EXPERIENCE

**Dewey's Pizza**, University City, MO

February 2021 – Present

*Server/Server Assistant*

- Trained more than 25 new staff in all facets of restaurant operations and customer service
- Provided attentive service; proactively assessed guest needs; addressed customer complaints/inquiries
- Effectively communicated and collaborated with staff members

**Grinnell College**, Grinnell, IA

August 2023 – Present

*Event Staff* — Assisted with multifaceted events to ensure smooth operation and timely completion

## PROJECTS

*Rock, Paper, Scissors Simulator* — A CLI version of the classic game, *Rock, Paper, Scissors* (C, VSCode)

*Decoding T1D* — An informational website about type 1 diabetes (HTML/CSS, VSCode)

*Pong Game* — A simple implementation of a Pong game (Processing, Processing4)

*Caesar Cipher* — A C program to encrypt and decrypt messages using the Caesar Cipher technique (C, VSCode)

## LEADERSHIP & COMMUNITY INVOLVEMENT

**Girls Who Code Facilitator**, Grinnell College

September 2024 – Present

Volunteer facilitator/instructor with the Grinnell College chapter of Girls Who Code, **teaching programming fundamentals** to female students at the local Grinnell-Newburg Middle School

**Hackathon Team Captain**, Whitfield School

August 2021 – May 2023

Conducted weekly team meetings, led team recruitment/promotional efforts, **delegated tasks** to each team member, filmed/produced team video submission for **2023 STEM Student Forum at World Wide Technology HQ**, **awarded \$1,000 grant** for Whitfield School's Science Department

## SKILLS

**Technical:** Java, C/C++, Python, HTML/CSS, JavaScript, R, Markdown, Scheme, Processing

**Frameworks:** React, TailwindCSS, Next.js, Node.js, MongoDB

**Tools:** Git, VSCode, Eclipse, GitHub, Linux/Unix, RStudio, Emacs, Xcode

## HONORS AND AWARDS

- Susan Shepherd Ittner and Charles T. Shepherd II **Software Industry Award for Leadership Merit** (2023)
- Grinnell College Founder's Scholarship
- Whitfield School Scholar Award (2020, 2021, 2022, 2023)