

229 S Dubuque St.
Iowa City, IA 52240

Ella Potter

<https://www.linkedin.com/in/ella-potter-7384632a8/>

319-483-8950
ella-potter@uiowa.edu

EDUCATION

University of Iowa | Iowa City, IA **Bachelor of Science in Engineering** **Dec 2026**
Major: Computer Science

Cedar Falls High School | Cedar Falls, IA **May 2022**
High School Diploma

TECHNICAL SKILLS

- C++
- Haskell
- SQL
- Java
- Verilog
- JavaScript
- Python
- Assembly Language
- Git
- Ruby on Rails
- HTML
- SVN

WORK EXPERIENCE

iCode | Naperville, IL **May 2025 – Aug 2025**
Coding & Robotics Instructor

Polished Nails & Spa | Cedar Falls, IA **May 2023 - Present**
Social Media Manager

NewAldaya Lifescapes | Cedar Falls, IA **May 2023 - August 2023**
Guest Services Staff

Starbeck's Smokehouse | Cedar Falls, IA **Jan 2022 - August 2022**
Cashier

David's Taphouse & Dumplings | Cedar Falls, IA **Sep 2021 - Jan 2022**
Waitress

Hick's Place | Cedar Falls, IA **Apr 2021 - Sep 2021**
Camp Staff

HomeGoods | Cedar Falls, IA **Oct 2020 - Feb 2021**
Seasonal Staff

ENGINEERING PROJECTS

Fundamentals of Software Engineering | Online Voting System **Aug 2025 – Dec 2025**

- Built a full-stack online voting system with Admin/Manager/Voter roles and role-based permissions
- Implemented account verification, invite-code access, and restricted voting to certain users; Designed database schema and seeded data for elections/users
- Led development through an Agile sprint cycle, managed backlog, user stories, sprint goals, and issue tracking

Software Engineering Tools & Languages | Gift Management System **Nov 2025 - Dec 2025**

- Developed a Ruby on Rails gift management app to track gift recipients, events, gift lists, and budgets
- Integrated an AI gift recommendation feature to suggest personalized gift based on recipient information and event context
- Wrote automated tests using RSpec to ensure reliability across models

INVOLVEMENT

- **Society of Women Engineers - University of Iowa**
- **Youth Group Leader - Hope City Church**