

# ALEC M. FREY

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## EDUCATION

**Iowa State University**  
Computer Engineering Major  
Bachelor of Science

Ames, IA  
Cumulative GPA: 3.74/4.00  
Senior: Expected Graduation May 2024

## SOFTWARE PROJECTS

### Today Aim - Accomplish Something Today

May 2022 – Present

iOS Application - Published on the App Store

- Establish one aim to accomplish at the start of each day
- Record when the aim was accomplished
- Sort the collection by aims that you've accomplished or favorited
- Calendar view allows the user to have a bigger picture on the amount of aims accomplished
- Data storage managed by NSPersistentContainer for the Core Data stack
- Built using SwiftUI in Xcode

### Financio App - Personal Finance Tracker

Jan 2022 – May 2022

Android Application

- Create monthly budget and identify how current expenses compare to allotted budget
- Visualize spending habits through the embedded graphs by inputting all expenses
- User login with database using Android Volley JSON requests and MySQL
- Communicate via messages with friends in the app using WebSockets
- Built using Java in Android Studio

## SOFTWARE SKILLS

- Java, C, Swift, Verilog, VHDL, MIPS Assembly, HTML, CSS, iOS & Android Development, Spring Boot

## PROFESSIONAL EXPERIENCE

Delivery Driver, **DoorDash**, Mason City, IA

Apr 2020 – Present

- Provided contactless food delivery during the Covid pandemic to aid families in the community
- Completed over fifteen hundred deliveries with a 4.95/5 rating
- Delivered on time or early 95% of the time

Cashier/Grocery Pickup, **Hy-Vee**, Mason City, IA

Jul 2017 – Dec 2020

- Interacted and provided excellent service for customers during six hour cashier shifts
- Assisted elderly members during grocery deliveries by bringing items into their homes

## LEADERSHIP

**Delta Upsilon Fraternity**, Ames, IA

Jan 2022 – Dec 2022

Vice President of Academics

- Developed and implemented the chapter's academic program
- Contributed to raising the chapter's semester GPA from 3.0 to 3.2
- Won most outstanding chapter while attending the annual Leadership Institute in New Orleans

**Cloudland Canyon - Student Voltuneer**, Rising Fawn, GA

Mar 2022 - Mar 2022

Iowa State Alternative Breaks

- Contributed 50+ hours of service while working on trail maintenance in the state park for the week
- Rebuilt staircase on hillside that allows access to outlook area at the state park

Leadership • Diligent • Proactive • Reliable • Passionate • Detail-oriented