

Ella Happel

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EDUCATION

UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN

Bachelor of Science in Computer Science and Linguistics

Expected May 2027

GPA: 3.42/4.0

Languages and Technical Skills: C++, Java, Python, Swift, JavaScript, Web Development, Git, CAD, Android Studio

PROJECTS

BLACKJACK WEB GAME (JavaScript)

Jul – Aug 2024

- Created a website using HTML, CSS, and JavaScript that plays a standard game of blackjack against a computer dealer
- Utilized JavaScript functionality such as event listeners, DOM manipulation, and object-oriented logic
- Designed UI to mimic a card table with custom-drawn icons and intuitive pieces

“DIAL STYLE” MOBILE APP (Swift)

Feb 2024 – May 2024

- Developed an app in Swift that sends contacts automatic custom responses to missed phone calls
- Worked in a team of four, with the primary responsibilities of importing contacts from the user’s phone into our app and UI
- Voted “Audience Choice” from our project presentation to other computer science undergraduates and professors

IMAGE SEAM CARVER (C++)

March 2024

- Built a program that crops images by identifying and deleting the least disruptive pixels to maintain the distinct elements

WORK EXPERIENCE

HAPPEL TUTORS

La Grange, IL

Founder

May 2024 – Aug 2024

- Independently tutored students in Java, teaching basic concepts such as variables, conditionals, control structures, and arrays
- Designed curriculum, activities, and materials based on my high school and college classes and my own personal projects

EBRYIT

Wood Dale, IL

Configuration and Break/Fix Technician

May 2024 – Aug 2024

- Repaired 80+ Chromebooks, replacing LCD screens, keyboards, cameras, trackpads, and other essential parts
- Enrolled 1000+ Chromebooks into their school administration, shipping them off ready-to-use for students

GRAYHILL

La Grange, IL

Information Technology Intern

May 2022 – Aug 2022

- Implemented a conversion of computers from Novell systems to Active Directory and problem-solved computer issues
- Trained employees on software updates including the Active Directory log-in system in a clear and understandable manner

ACTIVITIES

CS SAIL

Urbana-Champaign, IL

Marketing Director

Aug 2023 – Present

- Led social media, email, and mailing campaigns for an annual event introducing 180+ high school students to CS at UIUC
- Received 16,000+ impressions across social media platforms and doubled our event attendance from the previous year
- Helped organize day-of volunteers, spoke with prospective CS students, and conducted tours of UIUC’s engineering quad

UIUC IDEA FAIR AWARD RECIPIENT

Urbana-Champaign, IL

Aware Prize

Dec 2023

- Awarded \$250 in funding for start-up “SAS-E Mirror” after presenting to judges and investors at UIUC’s 2023 Idea Fair
- Collaborated in a team of four to create a prototype, pitch, and a business plan including competitors and target customers
- Led the wireframing of the UI and brainstorming the technical implementation of image-tracking, AI, and augmented reality

Alpha Xi Delta

Urbana-Champaign, IL

Active Member

Aug 2023 – Present

- Assisted in running 3 fundraising events for 400+ students supporting children experiencing foster care and homelessness