

# AARON ALBERG

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## EDUCATION

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### University of Illinois at Urbana-Champaign

May 2023 (*expected*)

B.S. in Computer Science, specializing in Human and Social Impact (GPA: 3.89)

- Minor in Economics
- Dean's List (*2019*)
- HackIllinois, AGCO Hackathon (*2020*)

#### Relevant Coursework

- Software Design Studio, Discrete Structures, Introduction to CS, Applied Linear Algebra, Multivariate Calculus, Strategies for International Engineering

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## RELEVANT SKILLS & PROJECTS

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### Recipe Box

December 2019

- Developed award winning app that identified recipes for users based on the contents of their fridge
- My role: UI/UX design, frontend development, front/backend integration

### Project Portfolio: [aaronalberg.com](http://aaronalberg.com)

**Software/Development:** Android Studio/IDEA, CLion, Git, Office/Drive Suites, Mindbody, Workday

**Languages:** Java, C++, HTML, CSS, JavaScript

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## RELEVANT EXPERIENCE

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### Software Developer

February 2020—Present

*Illinois Founders (Champaign, IL)*

- Design software solutions to promote accessibility at UIUC for startups and student entrepreneurs

### Consultant

August 2019—January 2020

*Illinois Business Consulting (Champaign, IL)*

- Provided recommendations to companies based on data and supply chain analysis
- Developed cost-benefit models to optimize profits and process efficiency for clients

### Staff Karate Teacher & Front Desk Associate

January 2018—August 2019

*Thousand Waves Martial Arts & Self Defense Center (Chicago, IL)*

- Handled point of sale transactions in Mindbody for various retail options
- Planned and taught karate classes designed daily to provide appropriate challenges for students
- Adapted daily to changing needs of students and collaborated with other teachers

### Senior Counselor

June 2015—July 2019

*Camp Kokoro (Chicago, IL)*

- Oversaw camper safety and practiced conflict resolution when necessary
- Closely mentored junior counselors, organized field games, and managed cleaning organization

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## LEADERSHIP

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### Vice President of Operations

January 2020—Present

*Design for America @ UIUC*

- Manage administrative structuring of club including 501(c)3 non-profit status and financial tracking/planning
- Mentor project teams and assist with teaching of human-centered design process within the community

### CS125 Course Assistant

January 2020—Present

*CS @ Illinois*

- Assist students with homework and projects during office hours for beginner computer science class
- Improve course effectiveness by providing feedback on students' satisfaction and progress

### Associate Director

October 2019—Present

*Social Hack at the University of Illinois*

- Plan a conference for UIUC students to generate solutions to climate change and learn human-centered design
- Lead tech team to develop admin portal for managing participants and organize community needs panel