

Abe Baali

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Education

University of Illinois at Urbana-Champaign

Bachelor of Science in Computer Science

Expected December 2022

GPA 3.9/4

Relevant courses: Programming Languages & Compilers, Algorithms & Models of Computing, Database Systems, Numerical Methods, Computer Architecture, Data Structures, Applied Machine Learning, Deep Learning for Computer Vision

Experience

MAY 2021 - AUG 2021

Software Engineer Intern,

Redfin, sell-side customer growth team, redfin.com

Increased seller leads by developing an interactive home affordability calculator to inform buyers on how much they can afford. **Wrote** technical planning documents, unit tests, and led bug bash sessions. **Built** a Tinder clone for homes and won in the company wide Hackathon. **Utilized:** Javascript, React, Docker, Java, A/B testing.

MAR 2020 - DEC 2020

Technical Co-founder,

Karma Trade (startup), karmatrade.shop

Developed an e-commerce cloth swapping platform. **Made** a POS and inventory management system for a retail location. **Created** the brand identity, and UI/UX. **Utilized:** Javascript, React, Node, Git, Firebase, Payments (Square), Figma.

MAY 2020 - AUG 2020

Full-time Student Fellow,

iVenture Accelerator, Gies College of Business

Participated as a paid fellow in cohort 6 of the iVenture Accelerator program for top student startups.

Received more than \$10K in funding to work on early-stage startups.

Other experiences:

Unity Developer, aslaspire.web.illinois.edu (current)

Website Admin, railtec.illinois.edu (current)

Assistant, *Prof. Helaine Silverman* (current)

Staff Photographer, *The Daily Illini*

Full-stack Developer, [Caramella](https://caramella.com)

Side Projects

UIUC Degree Planner: Web app for UIUC students to plan classes they want to take to finish their degree. This app aggregates data from four different datasets to help inform students on what classes to take based GPA distribution and professor ratings.

Raft: An e-commerce platform for social merchants, built with React Native.

Pathfinder: Breadth-first search on a grid visualizer.