

Abe Baali

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Education

University of Illinois at Urbana-Champaign

Bachelor of Science in Computer Science and Aerospace Engineering

Expected December 2022

GPA 3.88/4

Relevant courses: Algorithms & Models of Computing, Database Systems, Programming, Numerical Methods, Computer Architecture, Data Structures, Discrete Structures, Computational Linear Algebra (Python).

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.

NOV 2020 - Present

Assistant,

Mythic Mississippi Project, Department of Anthropology.

Assisting professor Helaine Silverman by editing video interviews and keeping project website up to date.

MAR 2020 - DEC 2020

Co-founder & Software Developer,

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 jobs:

Website Admin, railtec.illinois.edu

Staff Photographer, The Daily Illini

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

Side Projects

Launch Schedule: Web app displaying upcoming rocket launches around the world, based on the Launch Library API. Supports PWA features and acts like a native app on Android.

Raft: An e-commerce platform for social merchants to simplify the purchasing process, built with React Native.

Pathfinder: Visualizing a breadth-first Javascript pathfinding algorithm.