

Abe Baali

202 S 4th St
Champaign, IL 61820

(646) 733-7646
abaali2@illinois.edu
website: abe.pink

Education

Bachelor of Science in Aerospace and Computer Science
University of Illinois at Urbana-Champaign

GPA: 3.77 (on the Dean's List)
Expected 2023

Relevant courses: Intro to CS Freshman Honors, Computer Architecture, Data Structures, Discreet Structures, Computer-Aided Design, Computational Theoretical Applied Mechanics, Computational Linear Algebra (Python).

Work Experience

Software Developer and Chief Designer, Karma Trade (startup)

March/2020 - Present

A sustainable fashion swapping service with online and physical retail (129 N Race St, Urbana. karmatrade.shop)

- Working on developing an online cloth swapping platform, complete with a virtual currency, and a fully-fledged e-commerce platform set to launch in Fall 2020.
- Developed a complete web-based system for swapping clothes, managing inventory, and checking out customers for a physical retail location in Urbana, IL.
- Designed the brand identity, marketing material, online content and UI/UX for web applications.
- Utilized: Javascript, React, Node, Git, Firebase, Web Payments (Square), Figma, Adobe Illustrator.

Full-time Student Fellow, iVenture Accelerator

May/2020 - May/2021

An educational accelerator for top student startups at UIUC (Gies College of Business. iventure.illinois.edu)

- Participated as a full-time paid student fellow in cohort 6 of the iVenture Accelerator program.
- Spent summer 2020 engaging in workshops, attending lectures and talks by entrepreneurs, VCs, professional services firms and esteemed faculty from the university.
- Received more than \$10K in funding to work on early stage startups and utilized it to find product-market fit, build prototypes, build key partnerships and hire employees.

Software Developer, Caramella

September/2017 - May/2019

An online publishing platform that's focused on creating beautiful custom designs (Jeddah, SA. caramel.la)

- Worked in a product team of three to design and develop a browser-based page interactive design tool from scratch, using a full JavaScript Stack.
- Developed a complete digital subscription and billing service in partnership with a Saudi Arabian bank.
- Insured platform stability during a period of 120% growth per month by converting the entire code base to TypeScript and in the process writing hundreds of unit, snapshot, accessibility and performance tests.
- Utilized: Javascript, AWS, MongoDB, Jest, GraphQL, TypeScript, SVG animations, DNS.

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: E-commerce platform for social merchants to simplify the purchasing process.

Pathfinder: Breadth-first Javascript pathfinding algorithm with visualization.

Technical Skills

Tools/Languages: (Proficient) React, Redux, React Native, TypeScript, Node, Jest, Git, AWS, GraphQL, Matlab.
(Familiar): Haskell, Rust, Java, Python, C++, Docker, Angular.

Programs: Android Studio, Siemens NX 12, Adobe Creative Suite (except audio apps), Sketch, Figma.