

Zayyan Faizal

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EDUCATION

University of Illinois at Urbana-Champaign

Bachelor of Science in Systems Engineering and Design

Minors in Computer Science and Economics

Relevant Courses: Game Theory, AI in Education, Data Structures, Intermediate Microeconomics, Artificial Intelligence,

Champaign, IL

August 2018 - May 2022

EXPERIENCE

Microsoft

Program (Product) Manager Intern

Bellevue, WA

May 2021 - August 2021

- Created a project specification across engineering and design teams to create a new search shopping experience
- Led a team of full-time engineers to build a new ad product, Shoppable Ads, using computer vision to identify and suggest products using advertiser and user generated lifestyle content
- Improved advertiser user engagement by 15% and ad impressions by 10% through ad decoration design improvements

Motorola Solutions

Software Engineering Intern (Full-time Summer 2020) (Part-Time Spring 2020 - Fall 2021)

Remote & Champaign, IL

May 2020 - May 2021

- Built a log error analytics dashboard using **Python, Docker, and Elastic Stack deployed on Azure VM**
- Coordinated with Cloud Infrastructure team to develop a **C# serverless Azure function** backend
- Developed internal user portal and automated testing frameworks using Gatsby (React)
- Implemented a data pipeline for radio device telemetry dashboard using **SQL and Tableau**

iVenture Startup Accelerator Cohort 5

Startup Fellow (Full-time Summer 2019) (Part-Time Spring 2019 - Fall 2020)

Champaign, IL

May 2019 - May 2020

- Admitted into year-long student venture program alongside 14 campus startups with at \$10K grant
- Won "Best Pitch" at Cozad New Venture Competition (\$5K) and Much Law iVenture Competition
- Led growth efforts for Verge Pets, achieving top SEO results and 5K+ monthly pageviews
- Sourced two deep technology startups for following year's Cohort 6, Natrion and CamUX

ACTIVITIES & LEADERSHIP

Illini Blockchain

Co-founder

Champaign, IL

August 2021 - Present

- Founded a blockchain student organization to publish blockchain blogs, invite notable speakers, and build software
- Built an **ERC-721 NFT** mint on Ethereum Rinkeby Testnet using **Solidity** and onboarded 70+ interested students into web3 ecosystem by guiding them to setup a wallet and mint an NFT

Hack4Impact UIUC Chapter

Software Developer

Remote

August 2021 - Present

- Created software products for nonprofits within a small team of developers to create social change
- Built end to end messaging feature for a mentoring web application for international refugees (1,000+ users) using **NextJS (React), MongoDB, socket.io, and Flask** with a team of four other developers

Product Research Lead

December 2020 - August 2021

- Conducted user research with nonprofit stakeholders for idea validation and customer discovery

Product Designer

February 2020 - December 2020

- Collaborated closely with product manager to design UI/UX on Figma based on user interviews
- Designed digital, standards-based kindergarten readiness assessments for underprivileged students with GLENWorld
- Designed a platform intended to educate and inspire kids to design and execute on sustainability-driven projects and solutions with nonprofit Kids Save Ocean

PROJECTS

- goFish!**— Building a learn-to-earn platform for new user web3 onboarding to learn about new and popular products within the Solana Ecosystem. Using **Anchor** to build on-chain task verification programs
- Abacus Grades**— A course management system for students built using **NextJS (React), MongoDB, Express, and NodeJS**. Users can login to their profile with Auth0, add + store grades, plus view their GPA. (Work in progress) [VIEW](#)
- CalHacks hack:now "openrooms"**— Built a video chat platform around virtual 'rooms', not meetings, to encourage natural collaboration starting with university office hours. Used **NextJS (React), Node, and MongoDB** alongside three other students during quarantine. Designed and developed frontend and backend querying courses to a database. (April '20) [VIEW](#)
- "Perfect Form" Fitness Mobile App**— Created a mobile application providing instant feedback on squat form with video input proof of concept. Utilized **TensorFlow computer vision/machine learning and React Native**. Awarded a **patent & trademark application (\$15K value)** from university venture competition. (Fall '19)

SKILLS & INTERESTS

- Technologies** Java, Python, JavaScript, Git, C++, Bash, C#/.NET, TensorFlow.js, SQL and React
- Interests** Blockchain, Investing, Entrepreneurship, Formula 1, Cars, Lifting, Cooking, and Personal Finance
- Events** Solana Labs Breakpoint Global Fellow, Greylock Techfair, Human Capital Future Founders Summit