

Josh Brice

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An analytical and solution-focused student seeking an entry level position designing and delivering software solutions. Critical thinker with a burning desire to learn and maximize productivity to exceed performance standards. Hands-on experience leading teams and collaborating with others through previous software design. Unafraid of taking the road less travelled to ascertain optimal results.

EDUCATION

Northwestern University, *Evanston, IL*

Bachelor of Science, Computer Science, Expected June 2025, Major GPA: 4.00,

Relevant Coursework: Data Structures & Algorithms, Statistics, Artificial Intelligence, Multivariable Calculus, Engineering Analysis, Design, Thinking and Communication, Fundamentals of Programming 1, 1.5, 2

TECHNICAL SKILLS

Languages: Python (Preferred), C, C++, MATLAB, HTML5, CSS3

Software: VSCode, Sublime Text 2, Adobe Photoshop, Adobe Premiere Pro

PROJECTS

Konane (Python)

- Designed the game "Konane" in Python, and created intelligent agents within the game
- Architected Minimax and Alpha-Beta Pruning algorithms, adding CPU AI to play against

Trip Planner (DSSL2)

- Created a functioning Trip Planner using DSSL2
- Combined a variety of ADTs and algorithms to create a functional API

2048 (C++)

- Designed the game "2048" in C++
- Developed extensive test cases to catch border errors in the game alongside a functional UI
- Implemented object-oriented programming and inheritance to model various game objects

Python for Everybody (PY4E)

- Completed five certificates through the University of Michigan on mastering the Python language
- Deciphered 30+ coding assignments requiring access to and knowledge of HTML, XML, SQL and JSON

EXPERIENCE

03/2022 – 09/2022 Business Development Intern / Software Development Shadow, Moongate, *Evanston, IL*

- Collaborated with a team of 12 to design and launch the Moonpass, a physical gateway between NFTs and the world
- Implemented and created the 'Campus Ambassador Program', allowing the Moonpass to be sold at a discount to blockchain clubs across universities globally, revolutionizing how young people interact with their NFTs
- Shadowed software developers observing the development of smart contracts, enhancing skills in React, Solidity, and Python

09/2021 – 04/2022 Front-End Web Developer, Institute of Electronics & Electrical Engineers (IEEE), *Evanston, IL*

- Combined the use of HTML5, CSS3, JavaScript and React to create a visually appealing UI that clients use to restore images to higher resolutions
- Lead the front-end web development team to engineer the web app "FixPix"
- Learned MongoDB and Express with the project manager to eventually work as a full-stack developer on future project

LEADERSHIP AND PROFESSIONAL DEVELOPMENT

08/2022 – Present VP of Recruitment, Kappa Theta Pi, *Evanston, IL*

- Co-founded Northwestern's first technological fraternity, and recruited 50 new members in the first four weeks of launch
- Established a network of some of the world's brightest tech youths, including interns at Amazon, Netflix, Meta, Microsoft, Boeing, Bloomberg, and Tesla
- Educated pledges on programming concepts, networking skills, and resume building

04/2022 – Present Executive at Large, Lambda Chi Alpha, *Evanston, IL*

- Served as an executive member of a chapter with over 1500+ total members
- Created new and refined existing policies for risk management to foster a safe social environment

INTERESTS

Tennis, Mixed Martial Arts, Boxing, Digital Art & Posters, Dreamtime Culture, The Blockchain