Nicola Jackson

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EDUCATION

Boston University   **May 2027**
B.S. in Computer Science   *3.98 GPA*
Honors: Dean's List, CGS Merit Scholarship Recipient
Clubs: Hack4Impact, BU Quantum, GirlsWhoCode, Women In Computer Science
Relevant Courses: Algorithms & Data Structures, Computer Systems, Discrete Math, Linear Algebra, Probability in Computing

TECHNICAL SKILLS

Languages: Python, Java, C, JavaScript, TypeScript, HTML, CSS, SQL, Pandas
Frameworks/Tools: React, Next.js, Tailwind, Node.js, Git
Databases: MongoDB
Design: Figma, Photoshop, Illustrator, InDesign, Canva

PROJECTS

Study Buddy | JavaScript, Tailwind CSS, Next.js   **Aug. 2025**
- Helps students manage their assignments and deadlines
- Includes a pomodoro timer, to-do list, and assignment tracker
- Built using Next.js and utilizes Javascript, HTML, and Tailwind CSS
- GitHub Repo

Personal Portfolio | JavaScript, CSS, React   **Mar. 2025**
- Won a 60-person web-design competition for the website's UI/UX design
- Includes a Google Gemini AI-powered chatbot and a live-updating GitHub commit chart
- Built using React and utilizes JavaScript, HTML, CSS, and MongoDB
- GitHub Repo

Rock, Paper, Scissors | JavaScript, Tailwind CSS, React   **Jul. 2025**
- Next.js app using MediaPipe hand gesture recognition to allow the user to play rock, paper, scissors against a computer using their webcam
- Built using Next.js, JavaScript, HTML, and Tailwind CSS
- GitHub Repo

Dawn2Dusk | JavaScript, CSS, React   **Mar. 2025**
- A full-stack web app displaying sunrise and sunset times around the world
- Built using React and utilizes JavaScript, HTML, and CSS
- Utilizes calls to Google Gemini API and React Leaflet to display maps
- GitHub Repo

POSITIONS

Hack4Impact
Lead SWE   **May. 2025 - Present**
- Currently leading a team of 3 software engineers to build a full-stack web app for a nonprofit organization
- Oversee the development of the app and ensure it meets the needs of the nonprofit

Hack4Impact
Director of Marketing   **Apr. 2025 - Present**
- Oversee Hack4Impact's marketing and outreach efforts
- Manage Hack4Impact's social media accounts
- Collaborate with Hack4Impact's Executive Board to foster an inclusive environment

BU Quantum
Vice Director   **Aug. 2025 - Present**

- Assist the Director in managing BU Quantum's operations and events
- Build and maintain BU Quantum's website
- Design and run BU Quantum's social media accounts

Girls Who Code

Bits Facilitator   **Mar. 2025 - Present**

- Participated in Boston University's Girls Who Code Bits and Bytes program
- Taught young girls in grades 3rd to 5th the basics of coding in Python and Scratch
- Engaged with students and modeled positive, inclusive language and behavior

The Pinky Toe

Website Developer   **Mar. 2025 - Present**

- Co-Website Developer for Boston University's intersectional-feminist satire publication, Pinky Toe Paper
- Handle front-end website development tasks
- Collaborate with Pinky Toe's Executive Board to foster an inclusive publication

EXPERIENCE

Boston University   **Aug. 2025 - Present**

CS 111 Course Assistant   *Boston, MA*

- Assist students in CS 111 labs and office hours with debugging and understanding course material
- Hold weekly office hours to help students with coursework and projects
- Grade assignments and provide constructive feedback to help students improve their coding skills

FitRec   **Jan. 2024 - Present**

Fitness Attendant   *Boston, MA*

- Answered customer inquiries or explained cost, availability, policies, and facility procedures
- Enforced rules and regulations and maintained safety and order by monitoring patrons' facility use
- Built relationships with clients to ensure their satisfaction with the services provided

Three Sisters   **Jun. 2021 - Oct. 2023**

Shift Leader   *Providence, RI*

- Trained new employees in job duties, safety procedures, and company policies
- Provided excellent customer service and developed strong relationships with customers
- Assisted customers with inquiries, orders, and complaints in a timely manner