

Christopher Min

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EDUCATION

Boston University, Boston, MA

Expected May 2025

B.A. in Computer Science, Minor in Business Administration

- Selected Coursework: Computer Systems, Probability, Algorithm Design and Analysis, Linear Algebra, Design of Programming Languages, Software Engineering
- Activities: Hack4Impact, BUILDS, HackMIT, Questrom Ascend

EXPERIENCE

New Light, Boston, MA

June 2023 - Current

Freelance Developer

- Spearheaded a two-person team to successfully develop and implement a solution that achieved a 100% reduction in the organization's website-related expenses.
- Employed React.js and TailwindCSS, HTML, and JavaScript to design a responsive static website, successfully incorporating Google Calendar and Google Maps APIs to boost user engagement and improve site functionality.

Foundation Relations, Boston, MA

September 2021 - Current

Office Assistant

- Developing a solution utilizing Microsoft Power Automate to scrape content from the university's foundation relations email to then record the information onto a spreadsheet, to improve work efficiency by 20%.
- Facilitated collaborative efforts with supervisor to conduct thorough analysis of the casino industry and reviewing CSR/ESG reports to unearth 6 new and highly lucrative business prospects.
- Achieved 100% effectiveness in organizing and accurately managing Boston University's Blackbaud database, recording data from faculty-corporate communications.

PROJECTS

Music App

June 2023 - July 2023

- Led a team of 2 to develop a feature-rich music app employing a combination of Next.js, React.js, Supabase, and PostgreSQL, enabling users to effortlessly upload, fetch, and play uploaded MP3 files within a user-friendly interface.
- Utilized agile development methodologies to conceptualize, prototype, and fine-tune song skipping and volume scrolling functionalities, resulting in a fluid and intuitive music navigation system.
- Engineering an algorithm that employs advanced waveform and metadata analysis techniques to precisely detect and anticipate the timing of the exhilarating beat drops within MP3 files.

Hand Recognition Project

June 2023 - July 2023

- Skillfully utilized the powerful capabilities of Google's MediaPipe framework and harnessed the potential of OpenCV to meticulously design and implement a highly resilient hand recognition program.
- Developed a rock, paper, scissors game that integrates hand recognition technology and facilitates competitive player vs player interactions.

Personal Portfolio

April 2023 - Current

- Created a dynamic personal portfolio website utilizing a combination of React.js, HTML, Tailwind CSS, and JavaScript to showcase technical proficiency in front-end development.
- Diligently updated and meticulously curated the personal portfolio website, consistently aligning it with the most recent projects and accomplishments by promptly updating it after the completion of each project.

TECHNICAL SKILLS

Languages: Python, Java, C, C++, JavaScript, HTML/CSS, TypeScript, SQL

Technologies: React.js, Next.js, Express, MongoDB, Bootstrap, NumPy, Pandas, PostgreSQL, Git, Linux

Developer Tools: Git, VS Code, Emacs

Libraries: NumPy, Matplotlib