Alexander Park

park.ale@northeastern.edu | (914) 954-0535 | github.com/alexpark0 | linkedin.com/in/alex-park-/ |
Availability: January - August 2025 | Boston, MA/New York, NY

Education

Northeastern University, Khoury College of Computer Sciences   **Boston, MA**
Candidate for Bachelor of Science in Computer Science   *Sept 2023 - May 2027 (Expected)*

Honors:	3.85 GPA, Dean's List
Activities:	Northeastern Electric Racing (Software Subteam), Oasis (Web Development Club)
Relevant Coursework:	Object-Oriented Design, Fundamentals of Computer Science I & II, Foundations of Cybersecurity, Mathematics of Data Models, Discrete Structures, Technology & Human Values

Technical Skills

Languages:	Java, Python, JavaScript, HTML/CSS, TypeScript, Racket
Technologies:	Git, Github, React.js, Node.js, PyTorch, Kali Linux, Slack, Microsoft Office, Docker, VSCode

Experience

Revvity   **Waltham, MA**
Software Engineering Intern | React.js, Python, PyTorch   *May 2024 - Aug 2024*

- Developed a machine learning model to classify mouse poses (laying on back, stomach, side) in a given image for health condition detection with 90+% accuracy using PyTorch and AlexNet CNN architecture
- Trained existing machine learning model used for health condition detection in mice by tagging and labeling mice anatomy on 200+ images using Computer Vision Annotation Tool (CVAT)
- Mapped coordinates of input fields on dry blood spot cards used for newborn screening using React and GIMP

Northeastern Electric Racing   **Boston, MA**
Software Developer | React.js, Node.js, TypeScript, Docker, Yarn   *Dec 2023 - Apr 2024*

- Debugged, tested, and maintained full stack of product management dashboard (FinishLineByNER), enhancing accessibility and efficiency for 200+ club members using React and TypeScript
- Collaborated and communicated with Tech Lead and other developers regularly using Git/Github and Slack
- Utilized the Agile method to manage projects and respond to the needs of other club subteams in a timely manner

Comet   **Remote**
Project Intern | Balsamiq   *Jun 2022 - Dec 2022*

- Designed and proposed new UI/UX changes/features (e.g., a weekly calendar view) to department leads by creating website wireframes using Balsamiq, and marketed the app to recruit 12+ new active users
- Flight tested beta web app by interacting with the platform, reporting bugs, and providing feedback

Projects

Critiqify (critiqify.netlify.app) | *React.js, Node.js, Vite*   *Jan 2024 - Apr 2024*

- Developed frontend and designed web app for users to record and upload video presentations and add self-critique and prompt AI for feedback in a group of 4 and a mentor using React and Google Gemini's public API
- Gained hands-on experience with web development technologies such as APIs, databases, and version control through weekly mentorship meetings and group work sessions

Inspirit AI | *Python*   *Aug 2022*

- Participated in an AI project focused on the impact of social media on stock prices in a group of 6 and a mentor
- Scraped trending keywords on social media platforms (e.g., Twitter, Reddit), synthesized information, and developed machine learning model to predict impact on stock prices with 70+% accuracy

Interests: Basketball, Rubik's Cube, Piano, Tetris, Chess, Weightlifting, Anime, Track and Field, Investing, Journaling