PETER MOISE

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Education

Northeastern University — Sep. 2022 – May 2026
Bachelor of Science in Computer Science — *Boston, MA*
Courses: Algorithms and Data, Computer Systems, Discrete Structures, Fundamentals of Computer Science
Extracurricular/Leadership: Northeastern Electric Racing, Oasis, ColorStack, Northeastern Wireless

Technical Skills

Languages: JavaScript, Typescript, React.JS, HTML/CSS, Java, Kotlin, Python, C, Assembly
Developer Tools: VS Code, IntelliJ, PyCharm, Git, LT Spice
Technologies/Frameworks: Linux, GitHub, Express, JUnit, CAD

Experience

Northeastern Electric Racing Club — Fall 2023 – Present
Software Developer — *Northeastern University*
- Resolved and pushed multiple features and bugs released in recent Club website release with close to 1 thousand active members.
- Redesigned components in order to increase user experience and prevent future bugs.
- Fine-tuned web development skills with guidance from tech leads and engaging in the best coding practices used in the industry.

Northeastern University — January 2023 – April 2023
Student Ambassador — *Oakland, CA*
- Effectively communicated with over 100 prospective students and their families.
- Improved ability to adapt to stressful situations in a rational manner.
- Collaborated with co-workers to plan a welcome day event for over 200 potential students.

UCF Programming Tournament — March 2022
Lead Programmer — *Orlando, FL*
- Developed a strategic approach to tackling a diverse range of problems, resulting in top-tier problem-solving performance.
- Strategically allocated time and resources to solve the most valuable problems, achieving a 60% success rate.
- Ranked 1st out of teams sent by school to the competition.

Projects

Mini Shell | *C, Terminal, Nano* — October 2023
- Created a mini shell within the terminal with support for basic shell functionality and inclusion of built-in commands such as cd, help, source, and prev
- Implemented command sequencing support through the use of a semicolon.

Noel's Kitchen | *Typescript, React.JS, VS Code* — August 2023
- Developed a food journal website using React.JS and Typescript in order to maximize user engagement and interactions through React's static DOM
- Optimized folder hierarchy in order to improve component re-usability and reduce code clutter by over 30%.

Zone | *JavaScript, HTML/CSS, VS Code* — June 2021
- Developed a Chrome extension with over 30 select-able time zones.
- Built using local storage that stores the user's choice from the previous session despite a browser shutdown or loss of internet connection.
- Maintains 10 active users with a consistent 5-star rating on the Chrome Web Store and over 50% retention rate.