Christopher Brooks

brooks.ch@northeastern.edu ❖ (908) 300-2096 ❖ Boston, MA ❖ https://www.linkedin.com/in/chrooks/
Available From: Spring 2023 (Jan. 2023 – Jun. 2023); Summer 2023 (May 2023 – Aug. 2023)

EDUCATION

Northeastern University Boston, MA   **Sept. 2019 – Present**
Khoury College of Computer Sciences   *Expected Graduation: May 2024*
Candidate for Bachelor of Science in Computer Science, Minor in Africana Studies

GPA: 3.26/4.0
Relevant Coursework: Fundamentals of Software Engineering, Object Oriented Design, Algorithms & Data,
                          Computer Systems, Networks & Distributed Systems, Fundamentals of Computer Science 1 & 2
Activities: Varsity Track & Field, Northeastern Black Student Association (Member & President), Northeastern
                          University Black Athletic Caucus (Member), Black Engineering Student Society (Member)

COMPUTER KNOWLEDGE

Languages: *[Proficient with]:* Python, Java, Typescript, React.JS
                         [Familiar with]: C++, C, Bash, HTML5, CSS, JavaScript

Software: *[Proficient with]:* VSCode, Git, GitHub, Adobe Photoshop, Bootstrap
                         [Familiar with]: Linux, Atlassian tools (Jira, Stash, Confluence, Bitbucket), Jest, Unity 2D, Chakra UI

PROJECTS

Covey.Town WordleArea   **Oct. 2022 – Dec. 2022**
- Collaborated with a team of 4 to design, plan, implement, test, and present a new feature to open-source project of over 16,000 lines of code, Covey.Town using *test-driven design* and *object-oriented programming* principles.
- Implemented backend game logic in *Typescript* and wrote user interface in *React* using *Chakra UI* to extend preexisting user interaction functionality.
- Conducted extensive unit testing using *Jest* framework.

EXPERIENCE

Northeastern University   *Boston, MA*
Khoury College Research Assistant   **Sept. 2020 – Present**
- Coordinated with group of 3 other researchers, contributing to the ideation and design of game prototype "myPWI".
- Authored short paper published in the Association for Computing Machinery.
- Led weekly lab stand-up meetings and delegated tasks to junior lab members.

Medtronic   *Boston, MA*
Platform Software Engineering Co-Op   **Jan. 2022 – June 2022**
- Developed *Python* and *Bash* scripts to collect, parse, and display *KPI* and stress test data for diagnostic purposes.
- Wrote and debugged unit tests in *C++* using *GoogleTest* framework.
- Worked in an *Agile* environment, participating in daily *Scrum* meetings and utilizing *Atlassian* tools like *Jira*, *Stash*, *Confluence*, and *Bitbucket*.

Northeastern Black Student Association   *Boston, MA*
President   **May 2020 – May 2021**
- Presided over group of 10 other student leaders to facilitate the coordination of several large-scale events and weekly meetings for a general body of 300+ people.
- Collaborated with 12 other student organization presidents to form initiative "BlackVoicesMatterNEU".
- Successfully aided in presentation and institution of several demands to Northeastern University's upper administration on behalf of Black student body at Northeastern.