

# Brian Kapusta

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## Education

**Northeastern University**, Boston, MA September 2020 – May 2024 Expected **Khoury College of Computer Sciences**

*Candidate for Bachelor of Science in Computer Science and Business Administration*

- **Previous Coursework:** Object-Oriented Design, Algorithms and Data, Discrete Structures, Database Design, Management Information Systems, Networks and Distribution Systems, Statistics, Data Science
- **Current Coursework:** Software Engineering, C++ Programming, FinTech and Financial Innovation
- **Honor:** Dean's Scholarship
- **Activities:** Scout (Tech Lead), FirstByte NU Downhillers Ski Club, NU Huskies and Outing Club

## Technical Skills and Knowledge

- Languages: Java, SQL, Python, Javascript, Typescript, HTML, CSS
- Technologies: VS Code, GIT, PostgreSQL, MySQL, React, Sourcetree, Tailwind CSS, Jest, IntelliJ, Eclipse, Junit, Pandas, LaTeX, JGrasp, CyberSTAR, MS PowerBI and PowerApps, AWS, NoSQL, Django
- Other: Jira, Digital.ai Agility, Agile Development, Bitbucket, Mac OS, MS Office, Windows

## Professional Experience

**CACI** – Ashburn, VA

*Junior Software Developer – Full Time Co-op – January 2023 – August 2023*

- Full-stack developer for Cyberstar 2.0 application based on the needs of a variety of clients using Python, HTML, and Django - completed new features and bug fixes. Built compliance scan application for cybersecurity compliance standards
- Co-led bi-weekly meetings with CACI product owners to maintain both work and code quality - participated in daily scrums and monthly sprint planning
- Tested code functionality and wrote requirements for completing tasks and creating/completing tests for new features and bug fixes

**FINRA** – Rockville, MD

*Associate Analyst – Full Time Co-op - Enterprise Reference Data January 2022 - June 2022*

- Performed manual analysis as directed by the Enterprise Reference Data (ERD) Product Manager
- Collaborated with other groups outside of ERD to assist in data fixes and alerts related to reference data
- Wrote requirements for developers to follow as a reference while coding processes regarding ERD objects
- Created and updated SQL-related tests for ERD objects to ensure processes generate accurate data and run as expected

## Projects

**Northeastern University Scout (Student-led Design Studio) - Disrupt - Current**

- As the Tech-Lead, managed a team of developers and the technical side of the rebrand for Disrupt NEU - a FinTech-based club at Northeastern with a focus on their venture competitions and promotions.
- Developed a custom React-based website with a focus on the frontend UI and UX using Tailwind CSS

**Minesweeper**

- Developed a Minesweeper game using C++ and wxWidgets library for GUI implementation, based on a object-oriented design strategy
- Implements cell clicking, bomb randomness, timer countup, and the ability to restart without re-running application
- Debugged and tested intensively to ensure consistency and correctness in the running of the application