Neil Kozlowski

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Computer Scientist

A committed and hardworking individual, currently a Junior at The University of Illinois at Urbana-Champaign studying to obtain a bachelor's degree in Statistics & Computer Science. Proof of experience and proficiency working C++, C#, and other OOP languages. As well as data structures and algorithm optimization. Seeking an opportunity to use my knowledge of Computer Science in a professional scenario. Willing to relocation.

Key Strengths

C# Programming	C++ Programming	Python Programming
Linux	Docker	GitHub
Leadership	Communication	Teamwork

Education

The University of Illinois, Urbana-Champaign, IL   Aug 2020 – Present

- Bachelor of Science in Statistics & Computer Science, GPA: 3.80
- Relevant Coursework: Data Structures, C++, Python, Java, OOP (object-oriented programming), Discrete Structures, Matrix theory, Computational Photography, Web Design, Philosophical foundations of Computer Science

Experience

Data Structures Assistant, UIUC, Urbana IL   Jan 2022-Present

- Course Assistant for CS225, Data Structures. Responsible for Backend Development, Web Development, holding Office Hours, and Assignment Development.

Enumerator, United States Census Bureau, Urbana IL   Jan 2020-Jun 2020

- Conducted research on behalf of the United States census bureau. Interviewed households and collected demographic information in my assigned area.

Projects

- Comprehensive data analysis using graph algorithms (Dijkstra, SCC, DFS, visuals) written in C++: https://github.com/nkozlo3/LinkedListLuvrs-OpenFlights-Graph-Algorithm.git
- Chrome password manager extension using JavaScript: https://github.com/nkozlo3/ChromePasswordManagerExtension.git
- Crafting and taming game with procedural terrain written in C#: https://github.com/nkozlo3/CraftingTamingGame.git

Hackathons

- 24th place in Fall CTF (capture the flag), UIUC
- CSAW quarter finals 2022
- BuckeyeCTF 2022

Computer Skills

Docker**|** Linux **|** Java **|** GitHub **|** C++ **|** Research

Awards and Interests

Collegiate National Honors Society (2020-Present), National Technical Honors Society (2017-2019), National High School Scholar (2016-2020), UIUC Deans List (2021-present)
Clubs: Active in UIUC Boxing, SIGPwny (cyber security), and GameBuilders (Game Design)