Zachary Baruch

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Education
The Ohio State University, Columbus, Ohio   August 2018 - May 2022 (Expected)
- Current GPA: 3.919
- Major in Computer and Information Science (BS) with Double-Minor in Music and Mathematics
- Media, Marketing, and Communication Scholar

Personal Projects
- Created a personal portfolio website containing additional details about my relevant experience. Planning to revamp website using Middleman and Bootstrap frameworks (https://zbaruch20.github.io)
- Implemented a console-based letters game in Ruby utilizing threads and various gems (https://github.com/zbaruch20/countdown-game)
- Developed a graphical application streamlining viewing of CSE courses with Xamarin and web scraping tools (https://github.com/zbaruch20/cse-courses-viewer)

Projects Completed for Coursework
- Designed and implemented various data structures in Java
- Developed necessary components of a compiler for a simple programming language in Java
- Created an Air Traffic Control simulator, including a custom-built linked list structure in C utilizing curses library
- Implemented the game of SET, once as a console-based game using Ruby and again as a web-based game utilizing JavaScript
- Produced a Rails-based web application streamlining audience evaluations of presentations

Relevant Skills
Programming Languages: C, C#, HTML/CSS, Java, JavaScript, Ruby
Software Development Tools and Frameworks: Bootstrap, Eclipse IDE, Git Version Control, Rails, REST API, UNIX/Ubuntu, Xamarin, Visual Studio IDE, Visual Studio Code IDE
Miscellaneous: Computer Architecture, Computer Hardware, Microsoft Office Suite

Relevant Experience
The Ohio State University Department of Computer Science and Engineering, Columbus, Ohio
Student Instructional Assistant (Undergraduate Grader)   August 2019 - August 2020
- Helped manage class in a manner that is helpful in meeting the needs of the student course population
- Positive and timely communication with instructor and other graders, including student concerns
- Held office hours and attended course lab sessions
- Effectively, accurately, and fairly graded homework, projects and lab assignments in a timely manner

Work Experience
The Kroger Company, Columbus, Ohio
Front-End Cashier   June 2020 - Present
- Essential worker during the COVID-19 pandemic

Camp Nock-a-Mixon, Kintnersville, Pennsylvania
First-Year Counselor   June 2019 - August 2019
Associate Counselor   June 2018 - August 2018
- Encouraged and taught campers the importance of responsibility, friendship, inclusion, and diversity
- Assisted with leading activities involving the division and entire camp, such as assisting campers in the Camp's STEM lab

Activities and Interests
The Ohio State University Marching Band, Engineers for Community Service, Hack OHI/O Hackathon