

Christopher S. Barlas

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<https://github.com/csbarlas>

OBJECTIVE

Seeking full-time mobile or systems focused software engineering positions.

EDUCATION

The Ohio State University, Columbus, OH (2020 - 2024)

B.S. Computer Science and Engineering, Specialty in Computer Systems

GPA (4.00 scale): 3.98 (cumulative), 3.96 (department)

Relevant Coursework: Comp. Architecture, Comp. Networking, Operating Systems Lab, Mobile App Development, Database Development, and Systems Software Development

TECHNICAL EXPERIENCE

Software Engineer Intern: Veeva Systems Inc. (2023)

- Developed new feature functionality for Veeva CRM iOS and iPadOS applications with Swift
- Resolved existing defects in the Veeva CRM app codebase with Objective-C
- Improved company-wide on-boarding documentation for new mobile developers

Undergraduate Teaching Assistant (UTA): The Ohio State University (2021 - Present)

- Provided teaching and grading services for the following courses: C & x86 Programming (CSE 2421), Operating Systems (CSE 2431), Data Structures and Algorithms (CSE 2331), Java Development (CSE 2221/2231), and Game Development (CSE 3902)
- Graded student homework and lab submissions with timely constructive feedback
- Hosted multiple weekly office hours

PROJECTS AND COMPETITIONS

Combi: Your Lock Manager (2024)

- Utilized Swift and SwiftUI to create iOS and watchOS applications that organize various types of physical locks and their associated combinations
- Used SwiftData for persistence and built-in CloudKit synchronization functionality
- Released as open source under the MIT license on GitHub

BuckeyeCTF (2023)

- Placed 2nd in the Ohio State undergraduate category, 27th overall out of 672 teams
- Worked in a team of four to solve binary exploitation, reverse engineering, and cryptography challenges using tools such as Ghidra and Wireshark
- Won an outstanding documentation award for detailing our solution to a popular challenge

EXTRACURRICULARS, AWARDS AND SCHOLARSHIPS

- President and Founder of OSU Mobile App Development Club (2021-2022)
- Recipient of The Shan and Qian Shan Kuo Endowed Scholarship (2023)