Max Bickers

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I'm a second year student at the University of Michigan studying computer science and math. I'm interested in high performance computing, computer architecture and cryptography.

Experience

Apple: Software Engineering Intern (Embedded Field Diagnostics)
Summer 2020
- Developed iOS app to configure and run internal device diagnostic programs
- Implemented new features to improve single and multi-device workflows
- Utilized Git and internal issue tracking software. Wrote user and maintenance documentation with Confluence

Avli Restaurant: Concessions Cashier
Summer 2019
- Handled setting the schedule, tracking hours, stocking food and opening/closing
- Assisted customers by cashiering and preparing food

Education

University of Michigan
BSE Computer Science, Mathematics Minor
- Estimated Graduation Date: April 2022
- GPA: 3.92
- Coursework: Data Structures and Algorithms, Foundations of Computer Science, Introduction to Computer Organization, Introduction to Machine Learning, Introduction to Probability, Linear Algebra

Coursera
- From the Big Bang to Dark Energy, University of Tokyo
- Medical Neuroscience, Duke University
- Machine Learning, Stanford

New Trier High School
- National Merit Scholar

Projects

Tallybook
November 2019 – May 2020
- iOS app to keep track of daily tasks
- Prototyped with Adobe XD
- Written in Swift with SwiftUI and UIKit

Personal Website
June 2020 – Ongoing
- Created responsive website to showcase my projects and experience
- Developed script to create formatted resume from website content

Skills and Interests

Languages: Python, C++, Swift, Objective-C

Technologies: Git, LaTeX, HTML5

Platforms: iOS, macOS, Linux

I love reading, and I just started publishing book reviews on my website.