

# 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.

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## Experience

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**Stripe: Software Engineering Intern** Summer 2021

**Apple: Software Engineering Intern** Summer 2020  
Embedded Field Diagnostics Team

- 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

## Education

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**University of Michigan** Aug 2019 – Present  
BSE Computer Science, Mathematics Minor (3.95 GPA).

Advanced Coursework: Machine Learning, Software Engineering, Operating Systems, Introduction to Theoretical Statistics, Linear Algebra, Introduction to Analysis.

### 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

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**Clippy** December 2020 – Present  
Clippy is a tool for transferring files between computers by temporarily storing them online.

- Collaborated with a friend to build a server, client library and command line interface in Go
- Worked on features including rate-limiting, directory upload and mnemonic creator

**Personal Website** June 2020 – Present

- Created responsive website to showcase my resume and book reviews
- Built front-end from scratch, set up static compilation with Hugo

**Tallybook** November 2019 – May 2020  
Tallybook is an iOS app to keep track of daily tasks

- Developed in Swift with SwiftUI and UIKit

## Skills and Interests

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

**Technologies:** Git, LaTeX, HTML5

**Platforms:** iOS, macOS, Linux

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