

# Matt Schulte

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## EDUCATION

**UNIVERSITY OF MICHIGAN**  
**BS IN COMPUTER ENGINEERING**  
Graduated Apr 2015 | Ann Arbor, MI  
Cum. GPA: 3.87

## LINKS

Github://schultetwin1  
LinkedIn://schultetwin1

## TEACHING

Microprocessors and Toys (ENGR 100)  
Intro. Data Structures (EECS 280)

## SKILLS

### PROGRAMMING

Over 5,000 lines:

C • C++ • Python  
Lua • C# • Verilog

Over 1,000 lines:

Rust • Objective-C • Thumb2 • Bash •  
Powershell • CMake :(

Familiar:

iOS • Android • MySQL

### HARDWARE

- Proficient with oscilloscope
- Proficient with logic analyzer
- Able to read schematics
- Knowledgeable in factory bringup

## AWARDS

2015	Entrepreneurship Award
2014	Charles H. Sayre Scholarship
2014	Microsoft General Scholarship
2013	Boeing Scholarship

## SOCIETIES

Eta Kappa Nu (HKN)

## VOLUNTEERING

The Service Board

## EXPERIENCE

### CLOUDFLARE | SOFTWARE ENGINEER

Sep 2021 - Present | Remote

- Working on cross platform WARP desktop client

### WYZE | SENIOR SOFTWARE ENGINEER

Sep 2020 - Sep 2021 | Kirkland, WA

- Working on firmware and embedded Linux stacks for Wyze products
- Designing and implementing device to cloud communication
- Implemented tools to minimize, collect and diagnose core dumps
- Built out CI system for Wyze firmware products

### MICROSOFT | SENIOR SOFTWARE ENGINEER

Aug 2015 - Sep 2020 | Redmond, WA

- Working on firmware for the HPU on the HoloLens
- Working on firmware and driver for Motion Controllers
- Built out CI system for multiple firmware projects
- Helped build out SDK for the Azure Kinect

### PILLSY | FIRMWARE CONSULTANT

Jan 2016 - Dec 2016 | Seattle, WA

- Assisted in bring up of Bluetooth low energy medical pill bottle

### MICROSOFT | SOFTWARE ENGINEERING INTERN

May 2014 - Aug 2014 | Bellevue, WA

### BARRACUDA NETWORKS | SOFTWARE ENGINEERING INTERN

May 2013 - Aug 2013 | Portland, OR

- Built a library to evaluate over 10,000 regular expressions in parallel
- Worked under the CTO and co-founder, Zach Levow

### FACEBOOK | SOFTWARE ENGINEERING INTERN

May 2012 - Aug 2012 | Menlo Park, CA

### U OF M HOUSING IT OFFICE | HELPDESK MANAGER

Aug 2011 - Dec 2012 | Ann Arbor, MI

- Managed 8-10 undergrad student employees at U of M's Housing IT office

### GOOGLE | CSSI ATTENDEE

Jul 2011 - Aug 2011 | Mountain View, CA

## PROJECTS

### SYMBOLS | X-PLATFORM SYMBOL/SOURCE SERVER

Summer 2020 - Present

- Parse ELF, PE, PDB, and Mach-O files to upload compiled symbols and sources
- Enable WinDBG, gdb, lldb to pull down these symbols / sources on demand

### MRTOS | CUSTOM RTOS

Winter 2015

- Built a simple RTOS from scratch to learn about context switching and threading