

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

WYZE | SENIOR SOFTWARE ENGINEER

Sep 2020 - Present | 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

A2TWINTech | Co-FOUNDER

Jun 2008 - Dec 2011 | Ann Arbor, MI

- Ran a neighborhood technical support company
- Learned customer services skills and quick problem solving

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