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 Engineering Manager
Sep 2021 - Present | Remote
• Leading team of 3 engineers on the WARP Desktop App
• Working directly with customers to fix network configuration issues and understand needs
• Implementing observability system for the 1 miliion+ clients we have deployed

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

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 contex switching and threading