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:
Objective-C • ARM • Bash
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

MICROSOFT | Senior Software Engineer
Aug 2015 - Present | 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
• Worked with the Automotive Team to emulate of a car infotainment system

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

COMPILED FILES | X-Platform Symbol/Source Server
Summer 2020
• 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

RAPID PROTOTYPING QUADCOPTERS | EECS 473 Class Project
Fall 2014
• Built a quadcopter to be used by others for rapid prototyping
• Designed a custom PCB for a STMF1 processor and Intel Edison
• Wrote Bluetooth code to interface with PS4 controller and talk with other Edisons