

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 and 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 | SOFTWARE ENGINEER II

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

A2TWINTTECH | Co-FOUNDER

Jun 2008 - Dec 2011 | Ann Arbor, MI

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

PROJECTS

DESKTOPANCS | iPHONE NOTIFICATIONS ON LINUX

Fall 2016

- Used Bluetooth LE to display text messages and calls on a Linux desktop
- Used a modified version of QtConnectivity

MRTOS | CUSTOM RTOS

Winter 2015

- Built a simple RTOS from scratch to learn about context 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 STM32 processor and Intel Edison
- Wrote Bluetooth code to interface with PS4 controller and talk with other Edisons