

# 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

### 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