# Bradley Heenk

Computer Engineering

## Personal Info


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1995-07-05

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## Software

Quartus

Visual Studio

QT Creator

Fusion 360

ModelSim

EasyEDA

## Languages

Swift — ●●●●● Experienced

C# — ●●●○○ Excellent

C++ — ●●●●○ Excellent

SystemVerilog — ●●●●○ Proficient

## Operating Systems

Windows — ●●●●● Experienced

Linux — ●●●●○ Excellent

Mac OSX — ●●●●○ Excellent

## Experience

**2019-09 - present**

### Teacher Assistant

*Oregon State (Engineering)*

Currently a Teacher Assistant for the digital logic design course at Oregon state.

- Teaching students FPGA logic
- Diagnosing issues and explaining helping students understand mistake

**2018-01 - 2019-04**

### Computer Technician

*BrightMSP*

Worked for a managed service provider providing technical support, workstation upgrades, and network domain management / deployment.

**2015-06 - 2019-06**

### Deli Clerk

*Costco Wholesale*

- Good Sense of Urgency
- Work well in teams and independently

## Education

**2019 - present**

### Oregon State University

- Pursuing major of Bachelors of Science degree in Computer Engineering
- Pursuing minor in Software Engineering

**2017-03 - present**

### Chemeketa Community College

- Transferring to University for completion

**2010-09 - 2014-06**

### Wilsonville High School

- High School Diploma

## Additional Activities

Visual Studio - **Workplace Server:**

*Experienced*

**Purpose:** To create a hardware device management system for embedded temperature thermometers over Wi-Fi

- Written in C#, GUI Interface of physical devices
- TCP / IP A-Synchronous Socket Listener Server / Client
- Change and communicate with individual embedded devices on a given network

iOs Development - **Workplace:**

*Experianced*

**Purpose:** To remove excess paper waste from temperature logs to be entered in on an iPad

- Real-time asynchronous solution
- Realm back-end / mySQL
- Object Oriented and Expandable

iOS Controlled **Power Supply:**

*Experianced*

**Purpose:** To remove excess paper waste from temperature logs to be entered in on an iPad

- Two Independent Channel's
- Bridgeable up to 0-48VDC @ 3A, or 24VDC @ 6A
- Controlled on Raspberry PI and iOS
- Bluetooth Capable