

# Colin Holzman

Warren, MI

[colin.holzman@protonmail.com](mailto:colin.holzman@protonmail.com)

Authorized to work in the US for any employer

## Work Experience

---

### **Engineer**

Hot Melt Technologies

August 2013 to Present

General purpose engineer in charge of electronics at Hot Melt Technologies.

Reverse engineered 20+ PCB designs including firmware to bring HMT electronics in-house.

Developed comprehensive test program for production board assemblies including custom test hardware fixture, test fixture firmware, and custom .NET desktop application for control and test records database.

Managed day to day production of wide array of industrial control electronic assemblies including in-house and contract assembly.

Developed embedded software using C, C++.

### **Aircraft Structural Maintenance Journeyman**

United States Air Force (Active Duty)

July 2007 to March 2011

Applied theoretical knowledge of aircraft structures to real aircraft repairs.

Mitigated corrosion damage on aircraft using knowledge of corrosion theory.

Researched, ordered, and received aircraft hardware and components.

Designed and manufactured cost saving rivet installation tool.

Trained and managed junior members.

## Education

---

### **MS in Computer Science**

Lawrence Technological University

May 2018

### **BS in Mechanical Engineering**

Lawrence Technological University

December 2013

## Skills

---

Embedded Software, Linux, Office Applications, C, C++, .NET, Java, Android, IOS, CAD, Microcontrollers, Intelligent Systems

## Military Service

---

**Branch: United States Air Force**

Rank: Senior Airman