

# Matt Mercedes

## Contact

matthewmercedes@gmail.com

(817) 879-8880

github.com/mmercedes

mattmercedes.me

## Education

**Carnegie Mellon University**

2012-08-01 – 2016-05-18

**Electrical & Computer Engineering**

B.S

Relevant Courses

- 18-240 Structure and Design of Digital Systems
- 15-214 Principles of Software Construction
- 15-418 Parallel Computer Architecture

## Work

**Etsy Inc.**

2014-11-03 – 2015-08-14

**Software Engineering Intern**

Worked across the full development stack for Etsy's internal translation UI to provide a better web app for translating Etsy into foreign languages. Spent the summer on the Development Tools team enhancing the tools used in developing, deploying, and monitoring Etsy's products, while also making significant contributions to Etsy's open source projects.

**Martin Marietta Materials**

2014-05-12 – 2014-08-15

**Java Developer**

Worked on both the front and back end teams of a user provisioning web application. The application consisted of both a RESTful Java client and server, and several PL/SQL Packages.

## Skills

**Web Development**

HTML, CSS, Javascript

**Programming**

C, C++, Python, PHP, Java

**Digital Systems**

Verilog, Assembly, Signal Analysis

## Projects

**Google Chrome Extension**

Created a browser extension to visualize a user's browsing history across multiple paths and tabs for quicker backwards navigation.

**Pong**

Designed the video game Pong in System Verilog and synthesized it to a FPGA with HDMI output and switches for input.

**Web Proxy**

Wrote a multithreaded web proxy in C with caching for latency reduction.