

# Matt Peretick

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## Objective

Obtain an internship where I strengthen and develop my programming skills and apply my coding knowledge.

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## Education

**University of Michigan, College of Engineering:** 2013 – Present, Expected Graduation: Spring 2017

- Computer Science B.S., GPA: 3.22 / 4.00
  - Course Work (Completed Successfully):
    - EECS 484: Database Management
    - EECS 370: Computer Organization
    - EECS 280: Programming & Data Structures
    - EECS 203: Discrete Mathematics
    - EECS 376: Foundation of Computer Science
    - EECS 281: Data Structures & Algorithms
    - EECS 270: Logic Design
  - Currently Studying (Winter 2016):
    - EECS 482: Operating Systems
  - Programming Languages: C/C++, Java, HTML, CSS, JavaScript, SQL, MongoDB, Python
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## Research Experience

**University of Michigan Multidisciplinary Design Program: UMTRI Automotive Cybersecurity, Winter 2016**

- Working collaboratively with 9 other students to design and implement an automotive intrusion and detection system
  - Helping create, design and modify both the attack and defense teams' codebases
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## Work Experience

**Taubman College of Architecture and Urban Planning, 2015 – Present: Software Engineer**

- Currently assisting Professor Lars Junghans create a web application that simulates the energy consumption of a building over the course of a year, a research project for the Taubman College of Architecture and Urban Planning at the University of Michigan.
- Project responsibilities include writing shading simulation algorithms in Java, as well as writing xhtml programs that take user input from the web, and provide it to the back end Java functions.
- Improving programming skills in 3 languages, while gaining valuable experience working in a small team.

**His Eye is on the Sparrow, Catholic Social Services, 2014: Assisted Living Caretaker**

- Worked cooperatively in a small group of 2-3 caretakers in a residential house caring for developmentally disabled young adults. Shared responsibility for their care and well being while teaching and modeling life skills.
- Provided constant oversight to residents with patience and creativity.
- Demonstrated strong communication skills needed to coordinate care and cooperate with other team members to provide the best care possible for the residents.

**R. Hirt Jr. Co., 2013: Warehouse Receiving and Stocking**

- Ensured daily shipping and receiving was processed quickly and efficiently for a specialty foods supplier.
  - Demonstrated strong work ethic, responsibility and accountability in a small business (~15 employees), which encouraged individual initiative as well as teamwork.
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## Student Organizations

**Michigan Hackers**

- MHacks 5, MHacks 6, MHacks: Refractor

**Computer Science Engineering Scholars**

**University of Michigan Pops Orchestra Jazz Band**

**Wolverine Soft Video Game Development Club**