

# Drew Applegath

## Campus Address

406 Shelden Ave. Apt. #1  
Houghton, MI 49931

dhappleg@mtu.edu

(507) 269 – 1123

## Permanent Address

1943 67<sup>th</sup> St NW  
Rochester, MN 55901

## Objective

Obtain a full time position in the Computer Engineering field starting January 2019

## Education

Pursuing B.S. Degree in Computer Engineering, minor in Math - Expected Graduation Date: December 2018

Michigan Technological University – Houghton, Michigan

Overall GPA 2.8/4.0 Credits Earned to Date 103/128

## Co-op & Internships

### 24G, LLC.

*Onsite Development Intern*, Sept 2018 – Current

- Lead Engineer building custom hardware and software for bowling alley integration
- Provided onsite support for products and services deployed by 24G
- Performed role as primary contact for clients during onsite activations

*Software Development Co-op*, January 2016 – August 2016

- Developed over a dozen front end web apps for sales and education
- Created a variety of in-house hardware and software applications and device prototypes
- Worked in an Agile/Scrum team based atmosphere including directly with clients

## MTU Work Experience

**Michigan Technological University: Chemical Engineering Department**, Houghton, MI

*Undergraduate Researcher (paid)*, January 2018 – Current

- Design and implement hardware and software for Chem. Dept. roller bottle apparatus

**Michigan Technological University: Waino Wahtera Center for Student Success**, Houghton, MI

*ExSEL Peer Mentor (paid)*, August 2015 – Current

- Assist first year students through their transition into college both academically and personally

**Blue Marble Security Enterprise: Recycling Technology Development**

*Lead Engineer, Project Manager*, August 2015 – December 2015

- Created, designed, developed, assembled, and tested a can sorting and crushing machine

*Project Engineer & Documentation Chief*, January 2015 – May 2015

- Worked on a project to spark high school students interest in STEM fields

## Skills

**Programing Languages:** Python, Java, SQL, C, HTML, CSS, JavaScript, JQuery, Node JS, PHP, BASIC, ARM Assembly

**Software:** Git, Eagle, Atlasan Products, Microsoft Office etc., Eclipse, UNIX Shell, Mathematica, Multi-Sim

## Other Work Experience

**Rochester Golf & Country Club**, Rochester, MN

*Kitchen Staff: Line Prep Cook*, May 2015 – January 2016

*Food Service, Expediter*, May 2014 – May 2015

*Grounds Crew*, May 2014 – June 2014

**Rochester Youth Hockey Association**, Rochester, MN

*Level 1 & 2 Hockey Referee*, September 2006 – October 2013

## Leadership Experience

**Michigan Tech Club Lacrosse Team**

*President*, Summer 2015 – September 2017

- Conduct practices, games, meetings, scrimmages, organized all team events and campus activities
- Schedule games, scrimmages, transportation, hotel arrangements, team meals

*Captain & Manager*, Spring 2014 – September 2017

- Design shirts, jackets, hats, jerseys, and items to promote the program through the community

*Treasurer*, Fall 2013 – Spring 2015

- Prepare budget, allocate funds, manage team expenditures and orders

**MSHSL (Minnesota State High School League) - Rochester, MN**

*Assistant Varsity Lacrosse Coach*, Spring 2014 – Spring 2015

## Volunteering/Other

**National Ski Patrol:** *Member of the Mount Ripley Ski Patrol*, January 2017 – Current

**IEEE:** *Member of the Institute of Electrical and Electronics Engineers*, October 2017 – Current