LE/EECS 1015 (Section D)
Week 1: Course Introduction

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Welcome!

<u>LAB TA</u>

• Shogo Toyonaga

• MSc & BA in Computer Science (York U)

• Office Hours: Fridays, 2:30 p.m. – 3:30 p.m. (Zoom)

<u>Research Interests</u>

• Machine Learning

• HCI / HAI

This Course...

1. **Building Blocks for Programming**
   - **Literals**
   - **Variables**
   - **Operations (Arithmetic, Assignment, Logic, Bitwise)**
   - **Collections (List, Set, HashMap)**
   - **Expressions / Statements**
   - **Control Structures**
   - **Functions**
   - **Object-Oriented Programming**
2. **Design Principles & Performance**
   - **Modularity & Encapsulation**
   - **Readability (Documentation)**
   - **User Experience ("Know thy User!")**
   - **Time & Space Complexity**

Lab Logistics

- Attendance is optional but highly recommended
    - Synchronous Assistance (Debugging)
    - Networking (Colleagues)
- Best 8/10 labs are considered in your final grade calculation
- Our lab section will have a wiki!

Lab 1 – What You Will Need

Task 1
Create an EECS
Account

Task 2
Enroll in
PrairieLearn

Task 3
Coding Environment
Setup

Thank You!

Shogo Toyonaga
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Engineering