AGENDA

- The CS MS Program
- Curriculum
- Scholarship
- Bridge
- Co-op
- Employment
- Jobs at RIT
ABOUT THE **CS MS PROGRAM @ RIT AND GRADUATES**

- Largest MS program at RIT
- Typical incoming class size/year: 150
- # Applications: 1133 (as of August/10/2020)
- Graduation rate: after bridge >= 98%
CS MS CURRICULUM

- 30 semester credit hours
- Required
  - Algorithms (3 ch)
  - At least three courses in one cluster
  - Electives
  - Capstone
    - MS Computer Science Thesis (6 ch) or
    - MS Computer Science Project/Colloquium (3 ch)
STRUCTURE

Bridge

Algorithm

3 Courses  3 Courses  ...  3 Courses  3 Courses

4 Electives  5 Electives

Thesis  Project

MS
CLUSTER AND ADVANCED CERTIFICATES

- Computer Graphics and Visualization
- Data Management
- Distributed Systems
- Artificial Intelligence
- Languages and Tools
- Security
- Theory

Advanced Certificates:
- Advanced Certificate in Big Data Analytics
- Advanced Certificate in Artificial Intelligence in CS
SCHOLARSHIP

- Based on scholarly activity
- Awarded after acceptance decision
- Scholarship may be increased
  - A guide for scholarship range is:
    - $3.0 < x \leq 3.3$: 20%,
    - $3.3 < x \leq 3.7$: 30%,
    - $3.7 < x \leq 4.0$: 40%.
- I do not decrease scholarship unless academic honesty violation
@ RIT

BRIDGE PROGRAM
public class X_3 extends Thread {
    static Object o = new Object();
    static int counter = 0;
    int id;

    public X_3(int id) {
        this.id = id;
        o = new Object();
    }

    public void run() {
        if (id == 0) {
            new X_3(1).start();
            try {
                new X_3(2).start();
                return;
            }
        }

        synchronized (o) {
            System.err.println(id + " -->");
            try {
                if (counter == 0) {
                    counter = 1;
                    o.wait();
                } else {
                    o.notifyAll();
                }
            }

            catch (InterruptedException e) {
            }
            System.err.println(id + " <--");
        }

    }

    public static void main(String args []) {
        new X_3(0).start();
    }
}
Co-op

- Most of my students go on a co-op
- A job fair takes place 2 times a year
- Most go to
  - West coast
  - East coast: NYC, Boston
- Most pay part of their education earned on a co-op
- Hourly salary average: $29.17
JOBS AT RIT

- 10 TA’s
  - 5 hired in fall
  - 5 here in spring
  - You have to be here in order to apply

- Regular student workers: 12,227
EMPLOYMENT

- Entry salary: $100k/year
- Employment:
  - East coast: Boston/NYC
  - West Coast
  - Everywhere in the US, Canada, Germany …
Questions?
THANKS