

Computer Science Society (CSS) Annual Agenda

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With Assistance From The 2016/2017 CSS

December 8, 2016

Contents

1	Purpose	2
2	Industry Preparation	2
2.1	Problem of the Week (POTW)	2
2.2	Internship Mentor	3
3	Monthly Events	3
3.1	September	3
3.2	October	3
3.3	December	3
3.4	January	3
3.5	February	3
3.6	March	3
3.7	April	3
3.8	May	3

1 Purpose

This agenda should serve as a guideline for the minimum required involvement of the CSS on an annual basis.

2 Industry Preparation

The CSS should provide, or enlist a computer science (CS) student outside of the CSS to provide, industry preparation through the following mediums:

2.1 Problem of the Week (POTW)

Each week an interview inspired programming problem is posted to be solved by the CS student body. Problems should be designed to force students to learn important concepts not studied in class. This activity is important as it exposes students to interview style programming problems in a very accessible way. POTWs could also be coupled with semi-regular presentations, dependant on the level of participation, which explain in detail the concepts required to solve each problem.

An open source django web app has been created for the purpose of managing these POTWs, and can be found at:

<https://github.com/Quinny/uWindsor-POTW-Leaderboard>

Suggested POTW concepts include, but are not limited to:

- Bitwise operations
- Union Finds
- Tries
- Socket I/O
- Bloomfilters
- Security (MySQL injection, buffer overflow, brute force, etc.)
- Graph algorithms (BFS, DFS, shortest path, etc.)

2.2 Internship Mentor

The CSS should elect a student to provide mentoring to the CS student body in all matters related to securing internships. Duties may include performing mock interviews, resume critiquing, giving presentations, etc.

3 Monthly Events

In addition to the events listed below, the CSS should strive to hold at least one social event per month. Suggestions for these events include bowling, movie nights, video game competitions, group dinners, etc.

3.1 September

3.1.1 CSS T-Shirts

Every year the CSS designs and produces T-shirts for the purpose of being distributed to first year students. Historically, the left over T-shirts have been distributed to the rest of the student body, but only after all first years have received one. The number of incoming first years can be found asking the CS secretary Margaret. Generally T-shirt size distributions are largely skewed towards mediums.

3.1.2 Orientation

Every September the President of the CSS should speak at orientation and inform the incoming students about the contents of this document. The President should also lead the students to the St. Denis centre.

3.1.3 Promote ACM Programming Contest

3.2 October

3.2.1 Volunteer or Compete in ACM Programming Contest

3.2.2 Decorate The Java Lab For Halloween

Sometime in the first week of October the Java Lab should be decorated for Halloween. Decorations can be found in the CSS office, and also may be purchased using CSS funds if needed.

3.2.3 Halloween Movie Night

The week of Halloween the CSS should hold a scary movie night. Pizza/snacks can be provided using CSS funds.

3.3 December

3.3.1 Decorate The Java Lab For Christmas

3.4 January

3.4.1 Student Run Programming Contest

3.5 February

3.6 March

3.7 April

3.8 Organize Election For Next Year

3.9 May