

Game Development – Advanced Programming

Ontario College Graduate Certificate Program
Trafalgar Road Campus

Program Code: PGDAP

IMPORTANT

The following is for information purposes only and serves to inform applicants of the possible components to be included in a supplemental submission. These requirements are subject to change from year to year. Do not submit any materials unless specifically instructed to do so, after applying to the program. Once you have applied to this program, specific instructions and submission details will be provided to you in your Sheridan Student Account.

Selection Process for Applicants

Eligible applicants are selected on the basis of academic achievement (in progress or completed), including a postsecondary diploma or degree in computer science/ programming or related discipline and/or demonstrated experience. In some cases, applicants may be requested to submit a résumé, which includes details of related work experience, and a cover letter, which summarizes their career goals and reasons for wanting to take this program.

Postsecondary transcripts indicating courses completed to date must be submitted to ontariocolleges.ca at the time of application. Applicants selected for the program will be notified by mail and their Sheridan email account. Classes for the fall term begin Tuesday, September 8, 2020.

Instructions for Applicants

After applying to the program, some applicants will be required to submit the following and will receive submission instructions:

1. Responses to Questionnaire

Complete and return the responses to the questionnaire provided in this document to help us assess your programming experience and your suitability for a career in game development.

2. Résumé

Your résumé must outline your academic background and/or work experience. The résumé should clearly reflect the experience that you declare in the questionnaire.

If you have any questions regarding this document or the application process, please contact the Program Coordinator:

William Barry at william.barry@sheridancollege.ca or 905-845-9430, ext.2477

Sheridan

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APPLICANT QUESTIONNAIRE

1. Please explain why you are applying to this program and what you wish to learn from this program (100 – 300 words).
2. How much programming experience do you have? Briefly describe the nature of your experience (for example, is it mostly coursework-related, academic, professional, hobbyist, etc.)
 - a. None
 - b. Less than 1 year
 - c. Between 1 and 3 years
 - d. 3 or more years
3. List the key programming languages that you have used throughout your experience. The list should be ordered by your proficiency with the language, from most proficient to least proficient.
4. Briefly describe the most challenging programming project that you have ever worked on. What made the project challenging? What was your contribution? Was the project completed? (100 – 300 words)
5. Bonus question: What is the output of the following C program?

```
/* file magic.c */
#include <stdio.h>
int main(void) {
    const char *magic = "F@LDL@FHB";
    while (*magic)
        fputc(*magic++ + 1, stdout);
    fputc('\n', stdout);
    return 0;
}
```