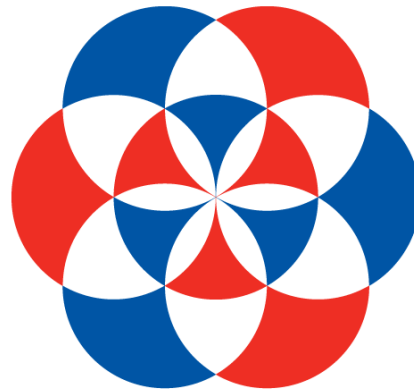


Happy New Year!

ISSUE 23. JANUARY 2022

# CAREER GAZETTE



## Message from Ms Cherie Crouse

Welcome back all and happy 2022. I am pleased to announce that a large majority of university applications were made over the Winter break and students are now running the administration gauntlet that comes with a university application. This is a tiresome and often complicated process but in the end all worth the while. This new year will bring about its own challenges for Y12 and the next sixth form cohort. With the World Cup taking center stage, sixth form will face examination challenges as well as an impact on when, where and how to apply for their chosen universities. Students will need to plan ahead with internships, volunteer programs and document collection among other things. However, it's not all doom and gloom as the Sixth form and Careers Department at DBS will work with you through these challenges and get you to where you need to be. I encourage you to take a moment and reflect on your goals for this year and focus on your health and wellbeing so that you are the best version of yourself in this new year.

## Events

### Young Cyber Security Weekend (live online)

15th January

Gives students an immerse experience of cyber security through tech advancements

[Click here to register](#)

### Young Engineer Weekend

22nd January

Discover the world of supercars, design bridges and test pilot drones

[Click here to register](#)

### Young Video Game Designer weekend

29th January

Build your own game alongside experts, design your own characters, world and monetize a mobile game to beat the rest.

[Click here to register](#)

### University of Pennsylvania

Ongoing

Live virtual information sessions

More information -

<https://key.admissions.upenn.edu/portal/virtual-info>

NEWS- MORE THAN 90 PER CENT OF SCHOOLS ON U.S. NEWS & WORLD REPORT LISTS OF TOP 100 LIBERAL ARTS COLLEGES AND TOP 100 UNIVERSITIES NATIONWIDE INCLUDING HARVARD ARE NOT REQUIRING SAT/ACT SCORES FOR ADMISSION THIS YEAR (AND UNTIL 2026 FOR HARVARD)

[CLICK HERE FOR MORE INFORMATION](#)

The University of Houston is particularly strong in the STEM fields, offering more than 300 degrees in total. It ranks among the top 50 for ROI and number 171 by U.S. News and World Report. Like some other public Texas universities, UH has assured admissions criteria, meaning students who meet certain academic standards are guaranteed admission. There are also many scholarship opportunities for excelling candidates.

The most popular majors in UH consist of Computer and Information Sciences and Support Services making it quite ideal for students interested in the computer science and IT field. University of Houston is also widely recognized throughout the world as a public research university.

For more information: [Click Here](#)

## Career Spotlight

### ~Computer Science~

#### What does a 'Computer Scientist' do exactly?

Computer Scientists use technology to solve problems and prepare for the future, especially in a world that is so heavily reliant on tech for future advancements. They also write and program software to create applications as well as help in the development of models for interactions between people and computers

#### EDUCATION REQUIREMENTS:

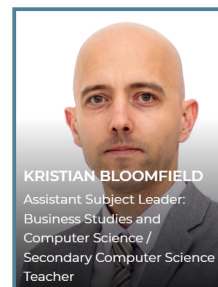
- A variety of math courses :
  - Calculus
  - Linear Algebra
  - Statistics
- introductory computer science classes:
  - Algorithm Design -
  - Computer Organization & abstract data types

#### Skills Required

- Excellent math's skills.
- Excellent computer and technology knowledge and skills.
- Ability to analyse problems
- A systematic approach to work and problem solving.
- A stickler for accuracy.
- A strong ability to anticipate and diagnose problems.

## Teacher Spotlight

After completing my secondary teacher training in the UK, I taught ICT, Computer Science, Creative Media and Film Studies in various British schools with a preference to the media-related subjects in particular. However, after commencing my international teaching adventures in Spain, I rediscovered my passion for computers. I enjoy leading classes where my students enhance their understanding of the functionality of a variety of digital devices and programs that are fundamental to our modern way of living and always look forward to seeing how students illustrate their creativity, having previously taught students that have designed and produced several digital solutions including school play posters, video advertisements with special effects, databases, websites and video games. I look forward to meeting and welcoming parents and students to DBS and wish everybody the greatest of success on our journey together, hoping that you all enjoy studying computing as much as I do teaching it.



## Scholarship of the month

### University of Carleton (Canada) - Prestige scholarships

To be considered for the scholarship, students must be Canadian citizens, permanent residents or protected persons of Canada. Students submitting an application must have an admissions average of 90% or better plus have demonstrated leadership roles in their extracurricular activities throughout the school. The application submission deadline for the 2022-23 academic year is March 1, 2022. The Ten Chancellor's Scholarships \$30,000 over the course of 4 years, the One Riordon Scholarship and the One Collins Prestige Scholarship offer full tuition for all 4 years. Scholarships are renewable with an annual GPA of 10.0.

for more information, visit:

<https://carleton.ca/awards/scholarships/entrance-scholarships-for-new-students/prestige/>

# Student Corner

## Ways to overcome procrastination



Have you ever put off your homework till the last minute? Or perhaps studied for the test only a day before? Well, we've all been there. Whatever the reason may be - perfectionism, fear of failure, lack of energy or feeling overwhelmed that you choose to ignore it all together - there are solutions:

- First break down big tasks into little steps so that they are not as overwhelming and can make the first step of actually starting your tasks seem easier.
- Prioritise your tasks, it wouldn't make sense to start working on an english essay due in a month's time while you have a science test tomorrow - start working on tasks that are most important and urgent.
- Changing your work environment may be beneficial. It can help you get into a fresh mindset and provide you with the boost necessary to stop procrastinating and finish the task.
- Set yourself time-bound goals. Setting yourself specific deadlines to complete tasks will keep you on track to achieve your goals. Try the pomodoro technique - studying for 25 minutes followed by a 5 minute break.
- If you complete a difficult task on time, reward yourself with a treat, such as a slice of cake or a coffee from your favorite coffee shop. And make sure you notice how good it feels to finish things!

## Student Spotlight



Hi! My name is Rebecca Magness, and although I'm in year 8 I would love to major in economics and political science. To help me with this goal, business class and MUN are a lifesaver, MUN conferences are based on the United Nations Debate style. This gives hints of politics

therefore, MUN is the perfect place for me to practice my debating. Once I take business as an A level course I will be able to learn more about finance, economics and political science. Conferences have tremendously helped me realise what I want to major in when I get to university and my overall career! I would like to study economics and political science at London School Of Economics, Harvard, Princeton University, Columbia University, NYU or UCL. If you want to major in similar courses as me, I'd suggest you join as many MUN conferences and debates as possible. It really helps with public speaking and teaches you the way politicians present their work.

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## Did you know?

There is a bell in the Oxford University library that hasn't stopped ringing for more than 175 years. Researchers are afraid that opening the bell would ruin an experiment to see how long it will last.

## University Rankings

### Top 10 for Computer Science (2021)

- 1) MIT
- 2) Stanford University
- 3) Carnegie Mellon University
- 4) National University of Singapore (NUS)
- 5) University of California, Berkeley
- 6) University of Oxford
- 7) Harvard University
- 8) University of Cambridge
- 9) EPFL
- 10) ETH - Zurich