



A Week-long Online Adventure of Computer Science and Cyber Security through Online Social Network (FaceBook, SnapChat, TikTok) Security and Privacy Issues

What is GenCyber?

GenCyber is a program sponsored by the National Security Agency (NSA) which promotes computer science and cyber security by connecting universities with local school districts through summer camps. Cal Poly Pomona PolySec lab is one of the selected partners of NSA to organize an exciting camp this summer. The camp is at no cost to participants.

What are you going to learn?

The goal of the camp is to increase the interest in computer science and cyber security careers by learning the security and privacy issues of Online Social Networks such as FaceBook, SnapChat and TikTok. This is a five-day (Camp 1: July 5-9, 2021, Camp 2: July 12-15, 2021) non-residential ONLINE camp with lectures and hands-on experiments in addition to professional development and career building activities. Participants will also present a group poster at the 2021 Cyber Security Fair at Cal Poly Pomona (online, Third week of October).

Who is it for?

The camp is designed for high school students (grades 9-12) with a strong interest in computer science. The participants are only expected to have basic computer literacy without an expectation of programming or cyber security knowledge. However, prior computer science experience is always a plus for better learning outcomes.

Who is teaching it?

Faculty members of the department of Computer Science at Cal Poly Pomona.



Location?

Online. You will need a computer and internet connection to participate in the camp.

Cost?

No cost to participants.

Course Schedule and Agenda

Each camp will be held on five consecutive days from 9 AM-4 PM (12-1 pm Lunch Break). You choose one of the weeks: Camp1: July 5-9, 2021 and Camp2: July 12-15, 2021.

The camp will discuss fundamentals of Online Safety, Cyber Ethics, Cyber Security and Privacy in the context of Social Networks through hands-on learning platforms. The student teams will work on creating a poster presentation end of the camp as a culminating experience in Cyber Security and Privacy.

Participation and no-show policy

Participation in all the sessions are mandatory. The organizers will work with the school districts to implement strict policies for no-shows as it adversely affects camp's evaluation for the funding agencies.

Questions/Inquiries

Questions/inquiries can be sent to cppgencyber@gmail.com.

Program Director: Dr. Mohammad Husain, Cal Poly Pomona

Co-Director: Dr. Yu Sun, Cal Poly Pomona.

Application Link

Application closes May 15, 2021. The student and parent need to jointly fill out the form.

<https://cppapcsa.wufoo.com/forms/2021-gencyber-cyber-security-camp-cal-poly-pomona/>