

FUTURE COMPUTING SUMMER INTERNSHIP AT THE NATIONAL SECURITY AGENCY

Launching for the first time in the summer of 2022, the Advanced Computing Systems Research Program (ACS) in the NSA Research Directorate is partnering with their counterparts in the High Performance Computing and Operations organizations to provide a select number of students a tremendous internship opportunity. ACS is part of the Laboratory for Physical Sciences, and is located in the Research Park building complex next to the University of Maryland, Baltimore County (UMBC).

Working with technical peers from other universities as part of a small team, interns will conduct hands on technical work on projects important to NSA computing experts. Under their mentorship, and using the same HPC systems as ACS researchers, interns will learn about these projects and HPC by collaborating on a specific exploration. At the end of the internship, the students will present the results of their work, and write a technical paper documenting their results.

The internship experience will include valuable training to prepare students for the summer project, seminars on current NSA research projects, 'living the HPC life' at NSA, and field trips to a variety of labs and other facilities. Along the way, interns will learn about the NSA mission and career opportunities, with ample time to engage with their peers, mentors and a diverse set of speakers and attendees.

This internship experience is designed for students who will be completing their junior year (Spring 2023 graduates), and is well-suited for math, computer science, and computer engineering students. However, others are welcome to apply (**please note, only US citizens are eligible to participate**).

Want to learn more?

Check out the link below for additional information.

<https://gcc02.safelinks.protection.outlook.com/?url=https%3A%2F%2Fwww.lps.umd.edu%2Ffuture-computing-summer-internship%2F&data=04%7C01%7Ckdleusc%40uwe.nsa.gov%7Cb71720ce81bb43cfd4bb08d9bc0f2432%7Cd61e9a6ffc164f848a3e6eff33e136b%7C0%7C0%7C637747595514141590%7CUnknown%7CTWFpbGZsb3d8eyJWljiMC4wLjAwMDAiLCJQIjoiV2luMzliLCJBTiI6IjEhaWwiLCJXVCI6Mn0%3D%7C3000&am p;sdata=03%2B2tqnxYavi4hUalqkWFwETUXXUiCk2Vtxi0iB%2BIJg%3D&reserved=0>

See our [FAQ.Eligibility](#) for key dates and deadlines

Questions? Contact us at [HPC Internships@lps.umd.edu](mailto:HPC_Internships@lps.umd.edu)

Links to important additional information

1. [Application form](#)
2. [Overview of the summer schedule](#)
3. Potential projects (*TBD*)
4. Learn more about us.
 - a. [Advanced Computing Systems Research Program \(ACS\)](#)
 - b. [Laboratory for Physical Sciences \(LPS\)](#)
 - c. [Research Organization \(RES\)](#)
 - d. [National Security Agency \(NSA\)](#)
5. Opportunity for faculty participation in the internship program (*TBD*)
6. Details about travel, lodging, etc. (*TBD*)
 - a. Location – [about Catonsville area](#) (chamber of commerce – visit the Ville)
 - b. Sites with info about Maryland, DC, etc. (*TBD*)