



# Virginia Space Grant Consortium

*Aerospace Partnerships in Education, Research and Industry*

**The Virginia Space Grant Consortium** <http://vsgc-net.odu.edu/> is a coalition of five Virginia colleges and universities, NASA, state educational agencies, Virginia's Center for Innovative Technology and other institutions representing diverse aerospace interests.

VSGC acts as an umbrella organization, coordinating and developing aerospace-related and high technology educational and research efforts throughout the Commonwealth, and connecting Virginia's effort to a national community of shared aerospace interests.

The VSGC leverages each dollar of NASA support with more than five dollars of state and other funding to offer a wide range of programs and activities in concert with NASA's national Space Grant goals.

In 1987, a joint congressional study panel met to address several issues facing the aerospace industry and the Nation, among them a looming shortage of workers prepared for a high-tech workforce and a decline in scholastic achievement, especially in the disciplines of math and science.

Congress was also concerned with building research infrastructure at our Nation's institutions of higher education. Congress passed legislation in 1988 which established the National Space Grant College and Fellowship Program. The Virginia Space Grant Consortium received its designation from NASA in 1989.

In response to the increasing demand for skilled Science, Technology, Engineering and Mathematics (STEM) workers in Virginia, the Virginia Space Grant Consortium (VSGC) has created the **Commonwealth STEM Industry Internship Program (CSIIP)**, a year-round program funded by the Commonwealth of Virginia and supported by the Governor's Office. CSIIP links companies and students in STEM, including but not limited to high-need areas such as Information Technology, Cybersecurity, Engineering, Physical Science and Financial majors (Finance, Economics, Accounting, Statistics). We invite companies offering paid opportunities in all STEM areas (exclusive of Applied Health) to register today.

## How Can CSIIP Help You?

- It is a program whose focus is providing workforce development experiential learning opportunities for Virginia undergraduate students and Virginia residents majoring in a Science, Technology, Engineering, or Mathematics (STEM) major, exclusive of Applied Health.
- It is a program that supports the internship needs of Virginia based companies who offer paid STEM internship opportunities for these undergraduate STEM students.
- It is a **free service** to all registered companies who have complete access to the CSIIP staff and our highly searchable database of vetted applicants.
- The only cost incurred is if a student is placed, we ask that they be paid a minimum of \$10/hour. Most companies pay a higher rate.

Ideally, company needs are met, and our future workforce is better trained and prepared to take the wheel keeping this skillset in Virginia. CSIIP has had more than 400 placements and has companies registered across the state. Although CSIIP covers mostly all things STEM related, there is emphasis on a couple of special projects including cybersecurity and UAV initiatives with the Virginia Cyber Alliance as one example for GO Virginia Region 5 companies. This project also has a strong emphasis on exiting military that will give needed work experience in order to change careers. If you would like more information, please see the attached brochures or visit our website at [csiip.org](http://csiip.org).

**CSIIP Points of Contact**, all reached at 757-766-5210;

Debbie Murray, Manager, [dbmurray@odu.edu](mailto:dbmurray@odu.edu); Scott Bellows, Technical Programs Coordinator, [abellows@odu.edu](mailto:abellows@odu.edu)  
Nicole Shaw, Program Assistant, [lnshaw@odu.edu](mailto:lnshaw@odu.edu)

# PAID INTERNSHIPS

in *Science, Technology, Engineering and Math (STEM)*

- U.S. citizen or permanent resident
- 18 years old
- 2.7 GPA or higher
- STEM major
- At least 6 credit hours per semester
- New graduates are eligible to apply



The Virginia Space Grant Consortium (VSCG) and its partners, in collaboration with Virginia's universities, colleges and community colleges offer the Commonwealth Stem Industry Internship Program (CSIIIP). The program links undergraduate Science, Technology, Engineering, and Math (STEM) students to industry and employers to students.

One application puts a student in front of companies offering paid internships throughout Virginia.

There is no cost to students/colleges/universities or companies to participate.

New CSIIIP internship opportunities for three high needs technical certification areas. See website for additional information.

[www.CSIIIP.org](http://www.CSIIIP.org)




Link: [CSIIIP Student Flyer](#)

# SEEKING QUALITY STEM INTERNS?

## HOW CSIIIP WORKS:

The Commonwealth STEM Industry Internship Program (CSIIIP) is an online system where companies select and hire interns from a large pool of pre-qualified college and university STEM students throughout Virginia.

Student applications contain contact information, a writing sample, a resume, transcripts and two references.

CSIIIP provides a search tool companies can use to find the right candidates. Employers can search CSIIIP's database by STEM major, skills or distance from their company.

Summer internships are usually 10 to 12 weeks long, 20 to 40 hours per week at a minimum of \$10 per hour.

Spring and fall internships may vary in duration and are typically more flexible with schedules.


For any questions regarding CSIIIP, please contact the Virginia Space Grant Consortium at [csiiip@spacegrant.org](mailto:csiiip@spacegrant.org) or call 757-768-5210.

[www.CSIIIP.org](http://www.CSIIIP.org)





Link: [CSIIIP Industry Flyer](#)



# VIRGINIA CYBER ALLIANCE

## Subsidized Internship Project

The Virginia Space Grant Consortium (VSCG) is partnering with Old Dominion University's Virginia Modeling Analysis and Simulation Center (VMASC) to provide company-paid student undergraduate cybersecurity-related internships. The VSCG will manage this project using its Commonwealth STEM Industry Internship Program (CSIIIP).

### Internship Program


Eligible companies must offer cybersecurity-related internships located in Go Virginia Region 5. This includes the cities of Chesapeake, Franklin, Hampton, Newport News, Norfolk, Poquoson, Portsmouth, Suffolk, Virginia Beach and Williamsburg; and the counties of Accomack, Isle of Wight, James City, Northampton, Southampton and York.

- Project period: January 31, 2018 to January 09, 2020
- Includes spring, summer, or fall internships
- Approximately 20 - 25 internships per year (first come basis)
- Internships can be full or part time
- Companies will be subsidized for internship cost at a rate of 25% to a maximum of \$2,200 per student
- Interns receive a CSIIIP certificate of recognition from the Governor


### Student Eligibility

- U.S. citizen or permanent resident
- 18 years old
- Undergraduate attending a two or four year higher education institution, recent graduate or exiting military in cybersecurity or related fields
- Actively enrolled in undergraduate courses taking at least six credit hours per semester (if not a recent graduate or exiting military)
- Be majoring in a cybersecurity-related STEM (science, technology, engineering, or mathematics) field
- Have a GPA of at least 2.7 on a 4.0 scale

For more information visit: <http://csiiip.spacegrant.org>



Link: [Virginia Cyber Alliance Subsidized Internships Flyer](#)



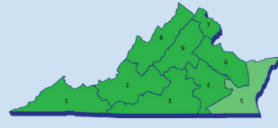
# Digital Entrant

The Virginia Cyber Alliance provides cyber security professional development programs for high school and college/university students as well as recent graduates. Exiting Military members can receive the same benefits. It's a win for all – employees achieve the experience and certifications to pursue successful careers, hiring companies grow with skilled and experienced professionals, and Region 5 cyber security economy expands.

The Virginia Cyber Alliance Digital Entrant Program supports a high school internship program available to all public high schools in Region 5. Funds are competitively provided to support student internships and program costs to encourage interest in high demand technical fields.

Internship programs continue at the College and University level to achieve the formal internship time increasingly required by academic institutions. The program is managed by the Virginia Space Grant Consortium, who works with nearly 200 companies to match student needs with company desires. Virginia Cyber Alliance contributes up to 25% of company salary costs.

For select employees new to Region 5, the Digital Entrant program provides up to \$30,000 in first year salary subsidies to hiring companies. Companies agree to facilitate achievement of experience, certification or management milestones for the new employee. Employees agree to work for the hiring company for a minimum of two years (including the first, subsidized year).



For more information on Virginia Cyber Alliance opportunities please contact: Project Lead: Dr. Mike Robinson ([mrobbins@odu.edu](mailto:mrobbins@odu.edu)), Cyber Arena: John Costello ([costellj@odu.edu](mailto:costellj@odu.edu)), Cyber Trail: John Costanzo ([costanzo@odu.edu](mailto:costanzo@odu.edu)), or Digital Entrant Program: Joe Grosel ([grosel@odu.edu](mailto:grosel@odu.edu))

Link: [Virginia Cyber Alliance Digital Entrant Flyer](#)