



Internships in College

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Huzoor's (atba) AMRA address

*"I have instructed Ahmadi students...
to enter the field of academia and
research and to endeavor to reach the
highest echelons of their fields."*

- Hazrat Mirza Masroor Ahmad,
December 14th, 2019



Why do an internship?

Gain professional experience

Get exposure to a new field/topic

Figure out what you like (and don't like!)

Connects you with mentors

...and more!



How can I get an internship?

College career counselors & alumni networks

Google it! Many opportunities advertised online

Ask your professors!



My first research experiences





My first research experiences





What types of internships can I apply to?

Shadowing/externship

Co-Op (Cooperative Education)

Summer research assistant



NSF REU programs

Research Experiences for Undergraduates (REU)

REU Program Overview

Program Solicitation

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Astronomical Sciences

Atmospheric and Geospace Sciences

Biological Sciences

Chemistry

Computer and Information Science and Engineering

Cyberinfrastructure

Department of Defense (DoD)

Earth Sciences

Education and Human Resources

Engineering

Ethics and Values Studies

International Science and Engineering

Materials Research

Mathematical Sciences

Ocean Sciences

Physics

Polar Programs

Small Business Innovation Research (SBIR)

Social, Behavioral, and Economic Sciences



NSF REU programs

REU Sites: Cyberinfrastructure

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Site Information	Site Location	Contact Information	Additional Information
Auburn University REU Site: Parallel and Distributed Computing	Auburn, Alabama	Primary: Sanjeev Baskiyar (334) 844-6306 baskisa@auburn.edu Secondary: Alvin S Lim (334) 844-6326 lim@eng.auburn.edu	Research Topics/Keywords: CPU temperature control for energy reduction, indoor localization using deep learning, thermal friendly architecture, smart utility networks, distributed analytics, machine learning algorithms Abstract of Award Cofunded: Physics, Computer and Information Science and Engineering
Bowie State University REU SITE: Cybersecurity	Bowie, Maryland	Primary: Julian Olanbiwonnu (301) 860-4396 jolanbiwonnu@bowiestate.edu	Research Topics/Keywords: Cybersecurity Abstract of Award
Clarkson University REU Site: High Performance Computing with Engineering Applications Electrical and Computer Engineering Department	Potsdam, New York	Primary: Daqing Hou (315) 268-7675 dhoul@clarkson.edu Secondary: Yu Liu (315) 268-6510 yuliu@clarkson.edu	Research Topics/Keywords: High Performance Computing, Parallel and Distributed Computing, Computer Architecture, Computing Performance Optimization, Engineering Applications, Mathematical Modeling, Algorithm Development Abstract of Award Cofunded: Computer and Information Science and Engineering



Other internship programs

National Institutes of Health

Department of Defense

Stanford, MIT, Johns Hopkins

USAJobs



Tips for applying to internships

Resume/CV

Personal statement/statement of purpose

Recommendation letters

A multi-wavelength astronomical image of a spiral galaxy, likely the M51 (Whirlpool) galaxy. The image shows the galaxy's structure in various colors: a bright yellowish-white central bulge, blueish-purple spiral arms, and reddish-pink regions that may represent star formation or specific emission lines. The background is black with scattered distant stars.

Questions?