

PART-TIME & SUMMER INTERNSHIPS

UMD COMPUTER SCIENCE (+BIOLOGY) STUDENTS



Fraunhofer CESE is offering University of Maryland students an opportunity to gain real-world, cross-disciplinary experience in software engineering and the life sciences while revolutionizing industry and research in the field of bioinformatics/computational biology.

This paid internship is available for motivated and innovative technical minds to contribute to the growth of our Center and to advance personal career goals simultaneously.

Details:

- Opportunities to develop scientific solutions and prototype ideas with cutting-edge technologies combining software and biological innovations
- Experience in researching, analyzing, and improving practical software engineering tools, techniques, and data while investigating new biological research methods
- Chances to apply industry best practices in software development, safety, and engineering
- Ability to collaborate with universities and industry on health- and safety-critical projects for customers such as:
 - DARPA (<https://www.darpa.mil/program/prometheus>)
 - IARPA (<https://www.iarpa.gov/index.php/research-programs/fun-gcat>)
 - NIH (<https://www.braininitiative.nih.gov/>)
- A location close to the University of Maryland and the College Park metro station

Requirements:

- Enrollment as a current student (undergraduate, masters, or doctoral) in Computer Science or Computer Engineering, with a concentration in the field of Biology; related fields considered
- Strong programming skills—ability to understand complex data sets and algorithms a plus
- Motivation to continuously perform, learn, and improve



The Fraunhofer Center for Experimental Software Engineering (CESE) is a not-for-profit applied research and technology transfer organization affiliated with the University of Maryland. CESE is part of Fraunhofer USA, Inc., and the larger Fraunhofer-Gesellschaft family, and conducts joint research with the University of Maryland. Our mission is to advance real-world software practices via empirically validated research into software engineering technologies and processes.

If you are interested, please send your cover letter, resume, and transcript to:
resume@cese.fraunhofer.org, Subject: FCMD UMD Internship - BioInfo

Fraunhofer USA, Inc.
Center for Experimental Software Engineering
5825 University Research Court, Suite 1300
College Park, Maryland 20740-3823
<https://www.cese.fraunhofer.org>



Center for Experimental Software Engineering