Research Experience for Undergraduates
Software Testing and Analytics
May 21 – July 27, 2018

Program Overview

- Funded by National Science Foundation (NSF).
- 10 week paid program – $5000 stipend, housing allowance, meals and travel support.
- Research focus is “Software Testing and Analytics”.
- Sample research projects include: testing scientific software, software security anomaly detection, program analysis, empirical study of fault detection effectiveness, software analytics for mobile domain specific language construction, and software analytics for machine learning algorithms and tools.

Qualifications

- US citizen or permanent resident.
- 3.0 GPA or better.
- Current undergraduate students in computing related majors, students in Math, Physics and Engineering are also encouraged to apply.
- Underrepresented groups are strongly encouraged to apply, as well as those from academic institutions with limited research opportunities in STEM.

Contact Information

Dr. Junhua Ding
Department of Computer Science
Science & Technology Building, C109
East Carolina University
Greenville, NC 27858–4353

Application Deadline: March 1, 2018

Please apply online at: http://www.cs.ecu.edu/reu
Phone: 252-7371908
Fax: 252-3280715
Email: dingj@ecu.edu