

School of Informatics, Computing, and Cyber Systems

Northern Arizona University: Recruitment is open for graduate student positions in the area of **Computer Science and Software Engineering** in the School of Informatics, Computing and Cyber Systems (SICCS) at Northern Arizona University (NAU). Qualified students are eligible for research and teaching assistantships with highly-competitive stipends. CCS's mission is to conduct high-impact, innovative research to create the software that runs society: from social media and the web to intelligent drones and smart medical devices.

Research opportunities are available in the following areas linked to specific SICCS faculty: **Eck Doerry:** Collaborative computing, mobile applications, human-computer interaction. **John Georgas:** Software engineering and architecture, self-adaptive software systems, software engineering pedagogy. **Marco Gerosa:** Software engineering and social computing, analysis of open source software communities. **Michael Gowanlock:** Data-intensive and parallel computing, and applications in astronomy and astrobiology. **Alex Groce:** Software testing and analysis, particularly automated test generation. **Toby Hocking:** Supervised and unsupervised machine learning with applications on biological data sets, optimal changepoint detection algorithms. **Frederic Loulergue:** practical and formal aspects of high-level parallel programming, verified and secure software for cloud computing, the Internet-of-Things, and blockchains. **James Palmer:** Computer graphics, virtual worlds, computer science pedagogy. **Igor Steinmacher:** Software engineering and online communities, open-source software development communities and processes. **Morgan Vigil-Hayes:** Network analysis, community-centric networked systems, resource-limited networking. Other research opportunities are available with our affiliated faculty: **David Trilling:** Solar system evolution, observational planetary astronomy, data mining.

Flagstaff offers an ideal, scenic environment for living and learning. With a four-season climate, amazing landscapes, and ample sunshine, you'll discover outdoor adventures unlike anywhere else in the United States—find out more about NAU and Flagstaff at <http://bit.ly/siccsprospective>. Assistantship benefits include stipends, full tuition waiver, health insurance, and research support.

Candidates should explore the SICCS website (www.nau.edu/siccs) and contact the professor whose interests align most closely with information on their background, research interests, qualifications, and a current resume.

Formal applications to our programs are due can be submitted online at <http://bit.ly/siccsapply>. Applications for our PhD program are due on January 1 for fall admission and for our MS programs on March 14 and September 15 for fall and spring admission, respectively. Applications received early may be considered for a prestigious NAU Presidential Fellowship, which provides an increased stipend and additional funding to support professional development.