

# Harrison Williams – Service Statement

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Service is an essential part of both a healthy and supportive department and a productive research community at large. As a graduate student and now a postdoc, I have been involved in service to the broader community in the form of conference and journal reviewing. In the department, I have participated in programs offering support and mentoring to junior graduate students. As a future faculty member, I plan to continue and expand on my commitment to service at the academic, departmental, and community levels.

**Professional Service** At Virginia Tech, I have served as a sub-reviewer for **17 papers** and an invited reviewer for **1 paper** across **13 venues** for conferences, workshops, and journals in the architecture and systems communities (summarized in Table 1). Active, invested peer reviewers are an integral part of the scientific apparatus; as a future faculty member, I plan to continue contributing to the academic community both by reviewing for conferences and journals and giving my students the training and experience to be good reviewers in their own careers. Beyond reviewing, I am excited to find other ways to contribute to the academic community by serving on conference organization committees, leading workshops on topics in my field, and participating in programs aimed at supporting junior researchers (e.g., the Undergrad Architecture Mentoring Workshop regularly held at ISCA).

**Departmental Service** As a postdoctoral researcher, I serve as a mentor for Virginia Tech’s Graduate Research Fellowship Proposal Writing Workshop, a program designed to guide early-career graduate students through the process of preparing and submitting an NSF GRFP application. This workshop was particularly popular with students because it provided feedback and support for an opportunity with immediate benefits to them, allowing us to teach a larger set of students about the broader academic proposal submission process. As a faculty member, I hope to create or contribute to similar programs to enhance the academic and professional trajectories of students in my department.

**Community Service** Building a stronger pipeline to graduate-level research, especially for communities which are typically underrepresented in computer science and engineering fields, is particularly important to me. At the undergraduate level, I plan to actively reach out to students who would otherwise not have the opportunity to pursue research both by including undergraduate students in my lab recruitment strategy and by participating in larger programs such as the NSF Research Experience for Undergraduates (REUs). Beyond the university, I will seek out opportunities to engage with local schools and community programs in the form of summer internships in the lab and mentoring high school students interested in research.

Venue	Role	Papers
Journal of Systems Architecture (JSA) 2024	I	1
Architectural Support for Programming Languages and Operating Systems (ASPLOS) 2024	S	2
Workshop on Energy Harvesting & Energy-Neutral Sensing Systems (ENSsys) 2024	S	2
Architectural Support for Programming Languages and Operating Systems (ASPLOS) 2023	S	2
Transactions on Embedded Computing Systems (TECS) 2023	S	1
European Conference on Computer Systems (EuroSys) 2022	S	1
Transactions on Embedded Computing Systems (TECS) 2021	S	1
Transactions on Information Forensics and Security (TIFS) 2021	S	1
Architectural Support for Programming Languages and Operating Systems (ASPLOS) 2020	S	1
Design Automation Conference (DAC) 2020	S	1
Languages, Compilers, Tools and Theory of Embedded Systems (LCTES) 2020	S	2
IEEE Symposium on Security and Privacy (Oakland) 2020	S	1
Workshop on Energy Harvesting & Energy-Neutral Sensing Systems (ENSsys) 2019	S	2

**Table 1: Reviewing experience as a sub-reviewer (S) and invited (I) reviewer.**