

Lucas A. Wilson

Homework #1

Faculty member: Jeffery von Ronne

How do you start a research project?

Figure out what problems people are facing, the look in the literature for other work on the same topic. If you think up a solution to the problem that is different/better than published work, investigate that.

What tools do you use?

ACM/Other Digital Libraries, Linux, version control software, compilers, LaTeX

How do you gain expertise with these tools?

Use them

What are some important experiences for novice researchers?

Get used to reading, programming projects, become familiar with proof reading/writing

Specific tools you suggest one works with?

ACM/Other Digital Libraries, Linux, version control software, compilers, LaTeX

How do you turn a research project into funded work?

More literature review, be able to position ideas against other work, present ideas clearly and in a context that shows how the idea is an improvement that matters.

How do you select venues for publication?

Top conferences in area/best ranking for fit

Look at related work, see where it's published

ACM Transaction, special issue journals through conferences/workshops