

Subject I humbly petition your collective guidance in how I may be digitally included in CHI2025

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Date: Wed, 28 Feb 2024 at 4:35 pm

ATTN:

- * Irina Shklovski
- * Phoebe Toups Dugas
- * Max L. Wilson

To whomever it may concern

I am crafting a draft work, a white-paper of-sorts, principally, on the history and development of computational shells, particularly in their *NIX/Un*x evocations and implementations. With view, to charting and founding a theoretical and experiential roadmap, for the acquisition of POSIX interactive and scripting shell compliance; and principally, Bash and Zsh interactive command-line and scripting dialectical and language variations, to adeptly quicken, and upskill, the newly digitally included, amongst the digitally excluded. With specificity, for the prospective Android portable hand-held device user-base, augmented by Termux. Due, to its global dominance and triple-bottom-line (3BL) accessibility, and technical and technological propensity and scalability.

In researching and writing this work, I have noted a decided dearth of dedicated academic literature, treatment and case-studies providing metrics, meta-analysis and overview with purview, of salient aspects of computational shell design and design philosophy, engineering, and their historical developments and evolutions and generation theory. This lack of dedicated discourse, data and metrics, makes it profoundly challenging to formulate key-performance indicators and a defensible and interrogable data and informed science, of computational shell planning, design, and design philosophies and engineering and implementations. With view, to formulating benchmarks and best-practice, and well-positioning possible futures, within well-founded possible worlds. And, putting to rest, what I contend is their historical paradigm of commendably responsive, inspired, yet slapdash and haphazard, design and development, for an informed and meta-planned, -designed, and -engineered, evolve.

I feel, and it is my considered opinion, that documenting such, is manifestly useful for manifold contemporary industries and academic disciplines, and touches and intersects, innumerable toolsets and work-flows; subsuming: planning, design, engineering and manufacturing, implications and applications. This, will go some way, to formulate data-sets, that may usefully inform the training and tuning of large language models (LLMs), and assist in generative artificial intelligence's (GenAI) acquiring the propensity to adeptly implement

and translate source code within and between shells, leavening the extensibility of interactive and scripting shell literacy, and automating shell code dialectical and language translation qua portability and GenAI shell integrations, globally. Thereby, traversing the prevalent, demonstrable, current stumbling block, of the emergent technology, and its salient impacts, upon engineering and design.

I am neither an academic, nor an institutionalised student within the auspice, shelter and purview of Academia, and I have a minimum of formal training. I am merely a hack. Therefore, I humbly petition your guidance, in how I may be digitally included, and in the practicalities, formalities, pragmatics and rigours, of formulating a deliverable or abridgement of my roadmap, for inclusion in future conferences. Or, at minimum, to inform those attending such conferences.

I apologise in advance, if my correspondence is inappropriate or betrays naïvete. I just wish to be of service and curry your favour, and usefully support glocal community capacity building in technical capacity and digital inclusion: to leaven and quicken proficiency, to maximise, manifestly underutilised, glocal human resources, to sunder glocal challenges.

My roadmap, under development as a living document, is viewable here:

[https://github.com/b9Joker108/a.fable.of.the.scriptkiddie.scriptoria/blob/main/A%20Fable%20of%20the%20Scriptkiddie%20Scriptoria%20\(GitHub%20test\).md](https://github.com/b9Joker108/a.fable.of.the.scriptkiddie.scriptoria/blob/main/A%20Fable%20of%20the%20Scriptkiddie%20Scriptoria%20(GitHub%20test).md)

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Please, look deeper than it's juvenælia, and it's titular puerility. I chain myself upon your prospective, professional leads and humbly await your pleasure and advice.

Thanking you in anticipation
Beauford A. Stenberg