Task 2 - International professors / labs

International professors :

Professor	URL (profile / lab)	Research lab or group	Organisation	Why collaborate
J. Alex Halderman	https://jhalderm.com/ & Univ. of Michigan CSE pages.	Michigan's Security & Privacy / Election Security projects (works on election machine analysis and audits)	Univ. of Michigan	Halderman has deep, practical work on real election systems (attacks, audits). Collaborating gives access to applied expertise, datasets, and high-impact security evaluations.
Aggelos Kiayias	https://www.kiayias.com/ & Blockchain Technology Lab (BTL), Univ. of Edinburgh.	Blockchain Technology Laboratory (BTL)	University of Edinburgh	Leading researcher on blockchain theory + applications and on provable properties (relevant for blockchain-based voting integrity). Strong for protocol design and formal analysis.
Vanessa Teague	Univ. of Melbourne pages / writings.	Security / e-voting research group	University of Melbourne (and affiliated research)	Known for rigorous analysis of e-voting systems and practical ballot privacy work; strong collaborator on verifiability and audit designs.
Peter Y. A. Ryan	orbilu.uni.lu Univ. of Luxembourg (e-voting research).	Security & Trust / e-	University of Luxembourg	Long history in end-to-end verifiability and formal election protocols; ideal for

		voting research		cryptographic/verifiabilit y contributions.
Ben Adida	https://ben.adida.net/ & VotingWorks (founder)	VotingWork s / open election tools	VotingWorks / industry + academic background (MIT/Harvard)	Practical system builder (Helios / VotingWorks). Good collaborator if you want implementation + deployment perspective and open-source toolchains.
Other relevant researchers (e.g., Amit Sahai, Dan Boneh on crypto, Arvind Narayanan on blockchain analyses) - link as appropriate .	respective lab pages	Crypto / blockchain / security labs	Stanford / Princeton / others	Helpful for strong cryptographic proofs or blockchain attacks/analysis.

Products / systems related to blockchain & e-voting :

Product Name	Features / short description	URL	List of functionalities	Which functionality you might implement in your paper
Helios Voting (open-audit web voting)	End-to-end verifiable, homomorphic encryption, open source; used for small to	https://vote.heliosvoting. org/	Verifiable bulletin board; homomorphic tallying; voter verification receipts; open	Implement/com pare homomorphic tallying + bulletin-board approach;

	medium elections and academic elections. vote.heliosvoting.org		audit data. (vote.heliosvoting.org)	evaluate verifiability vs blockchain approach.
Microsoft ElectionGuard (SDK)	Open-source SDK enabling end-to-end verifiability (encrypt ballots, publish encrypted ballots, enable ballot challenges). electionguard.vote	https://www.electionguard.vote/	SDK for E2E verifiability; ballot encryption; audit artifacts; interoperability hooks. (GitHub)	Leverage ElectionGuard's encryption / audit artifact model and adapt it to a blockchain ledger for immutable public audit logs.
VotingWorks	Open-source voting infrastructure + risk-limiting audit tools (Arlo). Deployed in some US jurisdictions. (voting.works)	https://www.voting.works/	Ballot scanners, audit software (RLA), open audit pipelines. (voting.works)	Adopt RLA integration ideas: combine blockchain public log of cast ballots with votingworks' RLA approach for integrity checks.
Voatz (commercial, controversial)	Mobile voting app; identity verification via biometrics; blockchain back-end claims. (Note: has had multiple security concerns and	https://voatz.com/	Mobile app voting, biometric identity verification, blockchain audit/logs. (Voatz)	Study Voatz as a case-study (risks of mobile voting + biometrics) and contrast with a privacy-preserving blockchain e-voting design.

	controversy.) Voatz			
Horizon State / Agora (blockchai n voting projects)	Blockchain-based voting/digital governance platforms (varied adoption; commercial). Horizon State	https://horizonstate.com/ (and project pages)	Blockchain ledger for votes, DLT-based immutability, admin dashboards. Horizon State	Extract an immutable ledger model and discuss how to add end-to-end verifiability + voter privacy (homomorphic encryption or mixnets).