Bridger Hahn

Education

2012–2016	**BS**, *Stony Brook*, Stony Brook, NY, *Computer Science*. Honors Degree
2016–2018	**MS**, *Princeton*, Princeton, NJ, *Computer Science*. Incomplete

Interests

Networking	Project Stream, Distributed Solutions
Machine Learning	AlphaStar, OpenAI
Warhammer 40K	Tournament Organizing, Competitive Play, Hobbying and Painting

Experience

2018-Current	**Teacher**, *C2 Education*, San Jose, CA. Mentor high school students in AP courses, SAT/ACT prep, and college applications.
2016-2018	**Teaching Assistant**, *Princeton University*, Princeton, NJ. Taught Introductory Computer Science: leading precepts, holding office hours, grading homework, and hosting large exam review sessions.
2015–2016	**Student Intern**, *Sandia National Laboratories*, Livermore, CA. Researched practical applications of Shamir secret sharing and Write-Optimized Data Structures applied to network event tracking. Designed and implemented a write-optimized database for storing network events. Resulted in two publications.

Publications

1. B Hahn, R Nithyanand, P Gill, and R Johnson, "**Games Without Frontiers: Investigating Video Games as a Covert Channel**," in 1st IEEE European Symposium on Security and Privacy (EuroS&P), 2016
   `http://arxiv.org/abs/1503.05904;`
2. D Zage, H Xu, T Kroeger, B Hahn, N Donoghue, and T Benson, "**Secure Membership Tests via Secret Sharing**," in International Workshop on Computing, Networking and Communications (CNC at ICNC), 2016
   `http://arxiv.org/abs/1512.00102;`
3. N Donoghue, B Hahn, H Xu, T Kroeger, D Zage, and R Johnson, "**Tracking Network Events with Write Optimized Data Structures**," in 4th International Workshop on Building Analysis Datasets and Gathering Experience Returns for Security (BADGERS at RAID), 2015
   `http://arxiv.org/abs/1511.09116;`

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