

# Bridger Hahn

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## 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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