

Contact

www.linkedin.com/in/botnethunter
(LinkedIn)
twitter.com/bwall_bets (Personal)

Top Skills

Reverse Engineering
Machine Learning
Python

Languages

English

Publications

Proper Hashing Methods
Hacking Exposed: Emerging
Markets, Emerging Threats
Insecurity of Poorly Designed
Remote File Inclusion Payloads -
Part 2
A Study in Bots Blog Series
Transferable State Attack on Iterated
Hashing Functions

Brian Wallace

Chief Data Scientist at abebets.com and previously a Security Data Scientist and Security Researcher.
Lake Forest, California

Summary

Brian is a data scientist, software engineer, security researcher, malware analyst, and investigator of advanced threat actors. Brian acted as the leader and primary investigator for the Operation Cleaver investigation which resulted in the Operation Cleaver report coauthored with Stuart McClure. Brian also authors the A Study in Bots blog series which covers malware families in depth providing novel research which can benefit a wide audience.

Experience

abe

Chief Data Scientist

July 2019 - Present (9 months)

From a data/game theory perspective, abe is a service making online sports betting closer to a complete information game for bettors.

Launching January 2020

<https://www.abebets.com/>

Cylance, Inc.

Lead Security Data Scientist

September 2012 - June 2019 (6 years 10 months)

Irvine, California

A wide variety of tasks not limited to data science/machine learning/ai, reverse engineering, malware analysis, software engineering and development, threat intelligence gathering, leading and conducting advanced threat actor investigations (Operation Cleaver primary investigator), creating customer and public facing documentation (A Study in Bots blog posts) of malware and products, as well as developing and documenting Art of Deterrence tactics. Additionally conducting a wide range of data science and security data science research in order to produce the best possible defenses against attackers. This research including but not limited to writing parsing methods, research into vectorization techniques, feature learning, feature extraction,

model building and custom machine learning model development, multi-modal approaches, adversarial attacks and adversarial training, meta learning for increased generalization, as well as active learning/semisupervised techniques to reduce labeled data set requirements.

Allied Associates International

Software Engineer

September 2009 - October 2012 (3 years 2 months)

Developed software in C# and C++ to gather forensics information.

Rentacoder.com

Computer Programmer

May 2007 - September 2009 (2 years 5 months)

Programmed using languages such as Java and PHP, also used MySQL
