

# Brian Kondracki

PH.D. CANDIDATE

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*Hard working Computer Science Ph.D. candidate looking for an exciting research opportunity where my specific skills and knowledge of web security can be used to a mutual benefit.*

## Research Interests

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Web Security and Privacy, Network Security, System Security, and Intrusion Detection

## Education

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### Stony Brook University

PH.D. IN COMPUTER SCIENCE

Stony Brook, New York

Jan. 2018 - Present

### Stony Brook University

M.S. IN COMPUTER SCIENCE

Stony Brook, New York

Jan. 2018 - Dec. 2018

### Stony Brook University

B.S. IN COMPUTER SCIENCE

- Concentration: Computer Security

Stony Brook, New York

Aug. 2014 - December 2017

## Professional Experience

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### PragSec Lab, Stony Brook University

GRADUATE RESEARCH ASSISTANT

Stony Brook, New York

Jan. 2018 - Present

### PragSec Lab, Stony Brook University

UNDERGRADUATE RESEARCH ASSISTANT

- Designed and developed high interaction honeypot system, VonSSH

Stony Brook, New York

Aug. 2017 - Dec. 2017

### Faculty Student Association, Stony Brook University

IT TECHNICIAN

- Designed and implemented software solutions to increase company efficiency across all departments
- Developed and maintained corporate Windows 10 image to ensure company security policies were enforced at all workstations
- Designed, tested, and monitored computer systems in use across campus

Stony Brook, New York

May 2017 - Aug. 2018

### Sodexo Inc.

WEB COORDINATOR

- Managed daily changes to campus dining website
- Designed and developed computer systems to automate the creation and distribution of financial reports
- Used data science knowledge to produce insights in support of corporate financial decisions

Stony Brook, New York

Jan. 2016 - May 2017

### RiS3 Lab, Stony Brook University

UNDERGRADUATE RESEARCH ASSISTANT

- Studied the privacy implications of cross device tracking on Android mobile devices
- Uncovered data leaks in Android's file permissions service, SEAndroid

Stony Brook, New York

Aug. 2016 - Dec. 2016

## Teaching Experience

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### Stony Brook University

INSTRUCTOR, WSE380 - HONEYPOTS AND INTRUSION DETECTION

Stony Brook, New York

Fall 2019

### Stony Brook University

TEACHING ASSISTANT, CSE219 - INTRODUCTION TO SOFTWARE DEVELOPMENT

Stony Brook, New York

Spring 2016

## Publications

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### Meddling Middlemen: Empirical Analysis of the Risks of Data-Saving Mobile Browsers

BRIAN KONDRACKI, ASSEL ALIYEVA, MANUEL EGELE, JASON POLAKIS, NICK NIKIFORAKIS

May, 2020

Proceedings of the 41st IEEE Symposium on Security and Privacy (IEEE S&P)

## Invited Talks

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Sep 2020 **Georgia Tech Cybersecurity Lecture Series**, Meddling Middlemen: Empirical Analysis of the Risks of Data-Saving Mobile Browsers

Apr 2020 **Brave Browser**, Meddling Middlemen: Empirical Analysis of the Risks of Data-Saving Mobile Browsers

## Public Service

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2020 **External Reviewer**, Detection of Intrusions and Malware and Vulnerability Assessment (DIMVA)

2020 **External Reviewer**, Workshop on Measurements, Attacks, and Defenses for the Web (MADWeb)

## Honors & Awards

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2019 **Bug Bounty Hall of Fame**, Opera Security

## Skills

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**Programming** Python, C/C++, JAVA, HTML/CSS, JavaScript, Lua, SML, Prolog, Swift, VBScript, LaTeX

**Software** Django, SQL, Android Studio, XCode

**Other** Excellent public speaker and writer