

# Jaiden Fairoze

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University of Melbourne <https://jaiden.info>

RESEARCH INTERESTS Cryptography, Security, Decentralized Systems

EDUCATION **University of Melbourne**  
MSc, Computer Science (Advisor: [Toby Murray](#)) Jul 2018 - Jul 2021  
BSc, Informatics Mar 2015 - Jul 2018

**University of Illinois at Urbana-Champaign**  
MSc Exchange Program, Computer Science (Dean's List) Jan 2020 - May 2020

EXPERIENCE **University of Illinois at Urbana-Champaign**  
*Champaign, IL*  
Research Assistant (Advisor: [Andrew Miller](#)) Jan 2020 - Sep 2020

**CISPA Helmholtz Center for Information Security**  
*Saarbrücken, Germany*  
Research Intern (Advisor: [Cas Cremers](#)) Jul 2019 - Dec 2019

**Telstra**  
*Melbourne, Australia*  
Graduate Data Scientist Jan 2019 - May 2019  
Software Engineering Intern Nov 2017 - Jan 2018

AWARDS **Facebook Whitehat Bug Bounty**, \$3000  
For identifying improper deletion of already-delivered ciphertexts, resulting in violation of PCS.  
Cas Cremers, [Jaiden Fairoze](#), Benjamin Kiesl, Aurora Naska

PUBLICATIONS **Clone Detection in Secure Messaging: Improving Post-Compromise Security in Practice**  
Cas Cremers, [Jaiden Fairoze](#), Benjamin Kiesl, Aurora Naska  
*ACM SIGSAC Conference on Computer and Communications Security (CCS)*, Nov 2020

TALKS **Clone Detection in Secure Messaging: Improving Post-Compromise Security in Practice**  
*ACM SIGSAC Conference on Computer and Communications Security (CCS) (Virtual)*, Nov 2020

TEACHING **University of Melbourne**  
Tutor, COMP90043: Cryptography and Security S2 2020  
Demonstrator, INFO30005: Web Information Technologies S1 2019  
Tutor, INFO30006: Information Security and Privacy S2 2018

RELEVANT COURSEWORK **University of Illinois at Urbana-Champaign**  
Computational Complexity, Principles of Blockchains

**University of Melbourne**  
Cryptography and Security, Distributed Systems, Declarative Programming, Algorithms and Data Structures, Machine Learning, Artificial Intelligence