loT보안 강의개요



정보보안

교과 기본 사항

- 담당교수
 - 염대현 (daehyun.yum@gmail.com)
 - Y5614
- 시험 및 출석
 - 성적 = 시험 90% + 출석 10%
 - 기말시험: 12월 7일 (수) 18:00
 - 전체 수업일수 5분의 4이상 출석해야 함. (지각 3회 = 결석 1회)
 - 유고결석 (학칙 제 71조)
 - ... 사유발생 전이나 발생 즉시 또는 부득이한 경우에는 발생일로부터 5일 이내에 학생이 유고결석신청서와 증빙서류를 갖춰 소속 학부 과 전공 주임교수의 확인을 받은 후 수업담당 교 강사에게 제출하여야 한다 ...
- 주의사항
 - 수강생 암호화폐 투자 절대 금지!

강의교재

• 정보보안

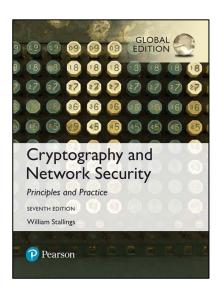
- 저자: William Stallings
- 서명: Cryptography and Network Security
- 출판사: Prentice Hall (Pearson)

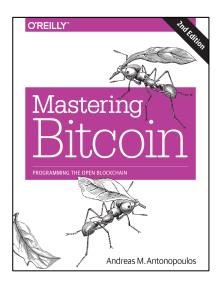
• 번역본

- 저자: 최용락 외 11인 옮김
- 서명: 컴퓨터 보안과 암호
- 출판사: 도서출판 그린

• 블록체인

Mastering Bitcoin





Cryptography

From Wikipedia

- Cryptography (or cryptology; from Greek κρυπτός, "hidden, secret"; and γράφειν, graphein, "writing", or -λογία, -logia, "study", respectively) is the practice and study of techniques for secure communication in the presence of third parties (called adversaries).
- More generally, it is about constructing and analyzing protocols that overcome the influence of adversaries and which are related to various aspects in information security such as data confidentiality, data integrity, authentication, and non-repudiation.
- Modern cryptography intersects the disciplines of mathematics, computer science, and electrical engineering. Applications of cryptography include ATM cards, computer passwords, and electronic commerce.

Crypto Pitfalls?

- 1. Bad cryptography, bad implementations, bad design
- 2. Even good cryptography can be 'circumvented' by adversaries operating 'outside the model'
 - Systems are complex, and your model may not exactly match reality
 - Side channel attacks মান্তর প্রাক্তির বৃদ্ধ ব্যক্তির বৃদ্ধি বৃ
- 3. Even the best cryptography only shifts the weakest point of failure elsewhere.

 - Poor key management अनुसर अभ भाषा प्रदेश . or आर्थ पार्ट्स प्रमाणि प्रदेश । or आर्थ पार्ट्स प्रमाणि प्रदेश । or आर्थ पार्ट्स प्रमाणि प्रमाणि ।
 - Insider attacks

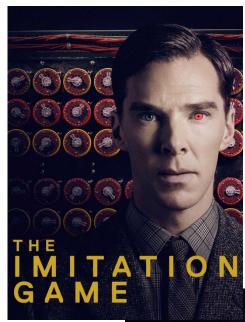
LHEQUES.

Be) उपमा प्रदार मुखे हैं. जेम्ब्रिट्ट रहे नेप्राप्त प्रहे? हैं.

LETHER Sturret Entry = 3/200121 1/09

Enigma Machine





KEIRA KNIGHTLEY

BENEDICT CUMBERBATCH