Software Engineering Lab

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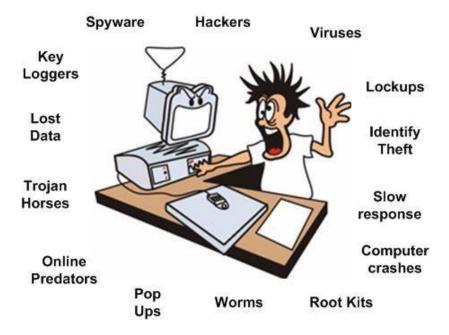

Prof. Mohamed Hamada
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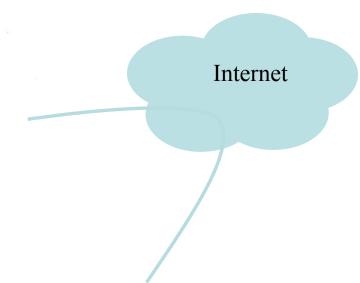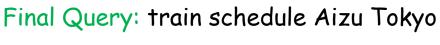Office: 346-C

Prof. Klyuev: Research Directions

Text Mining
テキスト・マイニング

Cloud computing

Spyware　Hackers　Viruses
Key Loggers
Lost Data
Trojan Horses
Online Predators
Pop Ups
Lockups
Identify Theft
Slow response
Computer crashes
Worms　Root Kits

Intelligent systems

Internet

Intelligent system

Final Query: train schedule Aizu Tokyo

Help: schedule Aizu
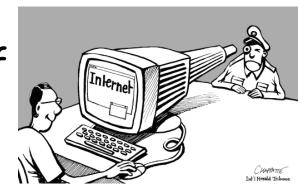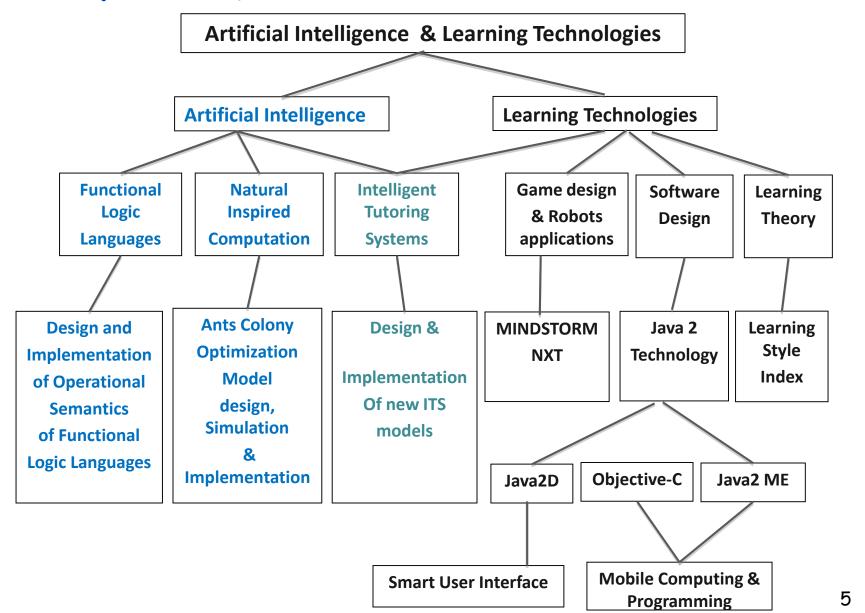
User Query: train Tokyo

User

Practical Internet Security

❑Aim:

■Internet security is a branch of computer security specifically related to the Internet. Its objective is to establish rules and measures to use against attacks over the Internet.

✓The aim of this research is to study different types of security, ways to attack Internet gadgets, modern tools to use against attacks, etc.

Prof. Hamada: Research Directions

Artificial Intelligence & Learning Technologies

Artificial Intelligence

Learning Technologies

Functional Logic Languages

Natural Inspired Computation

Intelligent Tutoring Systems

Game design & Robots applications

Software Design

Learning Theory

Design and Implementation of Operational Semantics of Functional Logic Languages

Ants Colony Optimization Model design, Simulation & Implementation

Design & Implementation Of new ITS models

MINDSTORM NXT

Java 2 Technology

Learning Style Index

Java2D

Objective-C

Java2 ME

Smart User Interface

Mobile Computing & Programming

Proposed projects

- **Intelligent Interactive Multimedia Learning Framework**

- **A Smart media-based recommendation system**

- **Adaptive Learning Framework**

Intelligent Interactive Multimedia Learning Framework

Example:

The project will consist basic modules:

☐ **Artificial Intelligence: Facial recognition**

☐ **Multimedia Learning Module**

☐ **Learning Style Module**

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