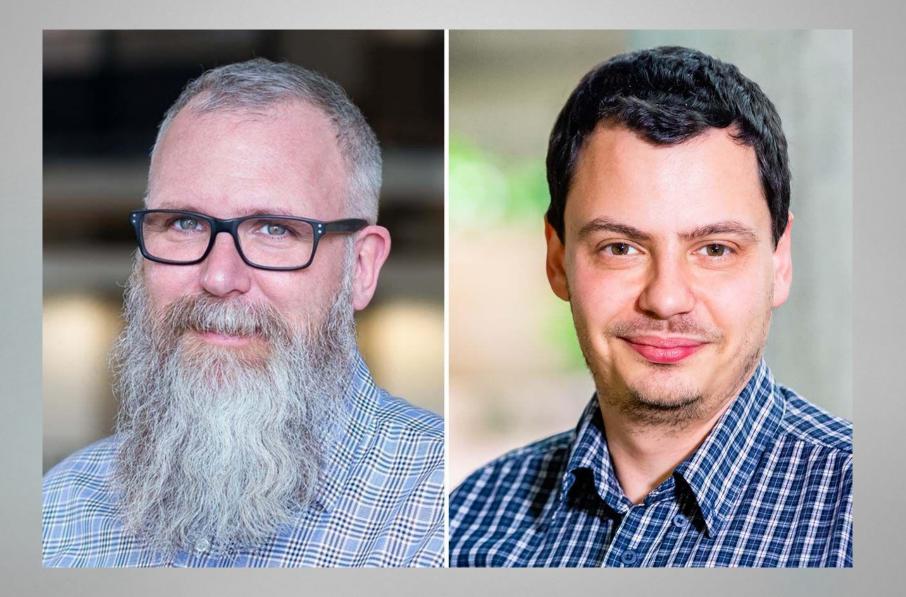
Illinois Tech College of Computing Overview

LANCE FORTNOW

Illinois Tech



Welcome Argonne Faculty



College of Computing Started June 2020



Vision: Become the leading creator of computational talent, knowledge and innovation for Chicago and beyond.



Mission: Provide the students and faculty of Illinois Tech from all backgrounds and disciplines the best-in-class computational and data science platform to excel in academics and research in their respective fields.

Departments

- Computer Science Shlomo Argamon, Chair
 - High Performance Computing, AI/ML, Cybersecurity, software engineering, networking
- Mathematics Chun Liu, Chair
 - Mathematical Finance/FinTech, Computational Science, Optimization, Statistics, Data Science
- Information Technology and Management Calvin Nobles, Chair
 - Cybersecurity, Cloud, software development, IT Management
- Industrial Technology and Management Pam Houser, Interim Director
 - Manufacturing, Supply Chain, Facilities, Construction











Grow Tech	Play a leading role in growing the tech community both locally and globally through education and research.
Infuse	Computing as a horizontal: Infuse computing education, research, tools and ideas into nearly every discipline, course and activity across campus
All Students	To paraphrase Frank Gunsaulus's founding mission for the university: Provide every student, from all backgrounds, meaningful roles in a changing technological society

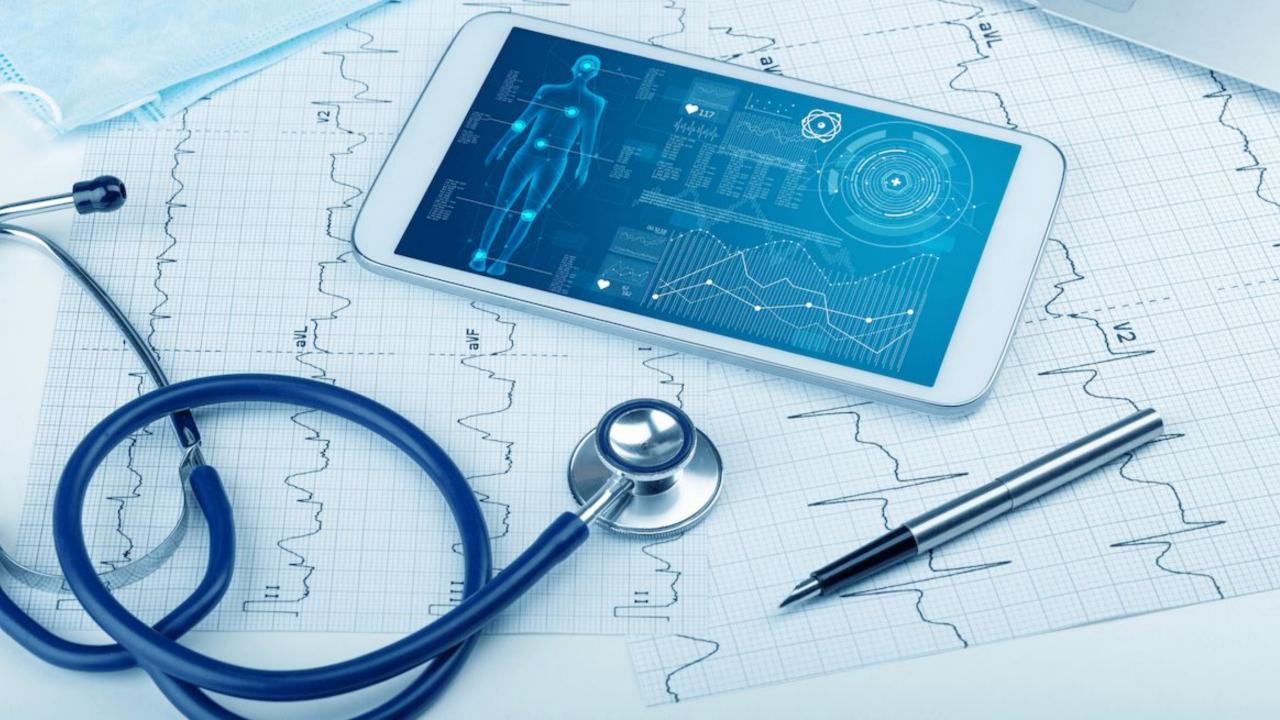
01 **Business Understanding** 01 UUIU 02 07 01 Data Data **Visualization** Mining 01 101 06 03 010 **Predective** Data Modeling Cleaning 05 04 Feature Data Engineering **Exploration** 01 00 10101

CYBERSECURITY













Partnerships

- Chicago Government, P33, DPI, MxD, mHub, 1871
- Universities
 - ► Northwestern, U. Chicago, UIC
 - Medical: Rush, Rosalind-Franklin
 - Community Colleges: Olive-Harvey, Wright, Malcolm X
 - HBCUs: Rust College
- Companies Accenture, Motorola, Siemens, DMG Mori
- National Labs Argonne, Fermilab, Oak Ridge
- Federal Military, DHS, NSF
- Board of Advisors

Argonne Partnerships

- Joint research projects
- Joint appointments
 - Research and funding opportunities
 - Teaching opportunities
- Access to Argonne and Illinois Tech facilities
- Argonne-Illinois Tech Institute