Academic DB Groups

Short Presentations
Kristin Tufte: Data Integration, Smart Cities, Transportation Data
Students: Chris Giossi, Basem Elazabbi
Recent collaborations: City of Portland, Oregon DOT, TriMet, Metro, RTC (transportation data, smart cities), MIT, PGE (disaster resilience)

David Maier: Stream processing, array DBs, urban informatics, building science
Students: Hisham Benotman, Niveditha Venugopal, Priyanka Mudgal
Recent collaborations: MSR (data streams, agent-oriented DBs), NUS (indexing observational data), UW (data languages), WPI (stream aggregation)

Datalab North: Rafael Fernández, Bill Howe, Jin Li, Veronika Megler, Vassilis Papadimos, Susan Price, James Terwilliger
The Evergreen State College

http://www.evergreen.edu/studies/computer-science

Judy Cushing Emerita and Resource Faculty (2014)
Permanent Faculty: Neal Nelson, Sherri Shulman, Richard Weiss
Visiting: Benjamin Dyer, Ab Van Etten

Curriculum: quarter- or year-long, full-time, team-taught, interdisciplinary…. CS Foundations, Student Originated Software (SOS), Computability; Computers & Cognition, Computation & Consciousness

Databases? Integrated by some students into SOS, now taught as a summer course…. Other programs integrate some computing: Media, Music…. 

Database Research -- my (former) Scientific Database Lab
Ecology Informatics The Canopy Database Project
http://archives.evergreen.edu/webpages/projects/canopy/
Visualization for Environmental Scientists - http://blogs.evergreen.edu/vistas
VISTAS (joint with Oregon State University - Mike Bailey and Denise Lach).
Team Profile

Societal Impact

- Distributed Systems, Databases, Geo-Spatial, Embedded
- Machine Learning, Data Mining, Computational Intelligence, Computer Vision
- Big Data Security
- Mobile Computing, Web, Devices, Mobile Networks
- Health Informatics

Bio & Health, Education, Environment, Social Networks, Marketing

http://dscience.uw.edu
Seattle University
https://www.seattleu.edu/scieng/computer-science/

- Undergraduate degrees: Bachelor of Science (general option, business specialization, math specialization); Bachelor of Arts; Fasttrack program.
- Graduate degree: Master of Science
- Certificate program
- 14 full-time faculty
- DB related courses
  - Fundamentals of databases
  - Physical databases
  - Data Science
  - ...
- DB research: my research (medical image analysis) is more related to data analysis.
● BS in Computer Science and Software Engineering; BS in Computer Engineering; BA in Applied Computing; BA in Interactive Media Design
  ○ Currently 451 students in all degree programs
● MS Computer Science & Software Engineering; MS Cyber Security Engineering
● Certificate program

● 28 full-time faculty (14 research track; 10 teaching track; 4 non-voting)

- Data Provenance for e-Science
- Multimedia data mining
- Machine learning Cyber Security
- Information Assurance
- Parallel and Distributed Systems
- Game Design
- Bioinformatics
- Computer Vision
- Internet of Things
- Sensor networks
- Neuro networks
- Scientific Computing
- Software engineering