

What is computer science?

- Principles
- Theories
- Algorithms
- Practices



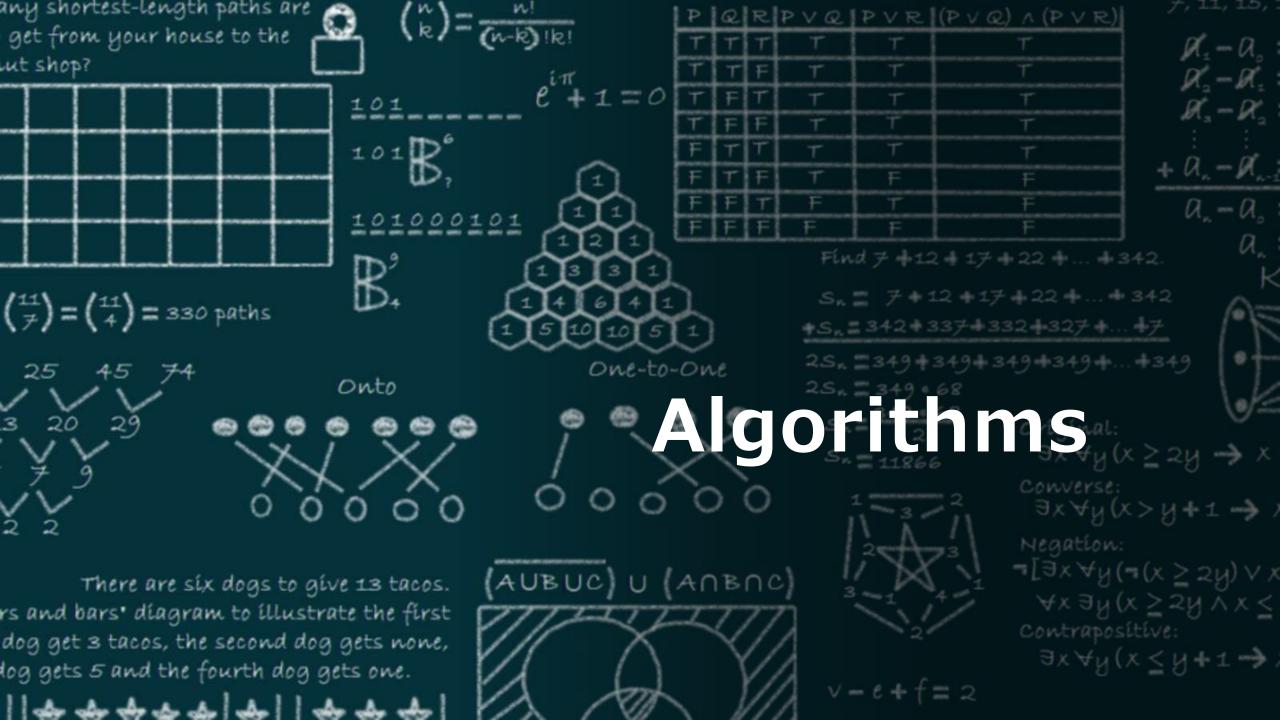
- Design
- Development
- Implementation

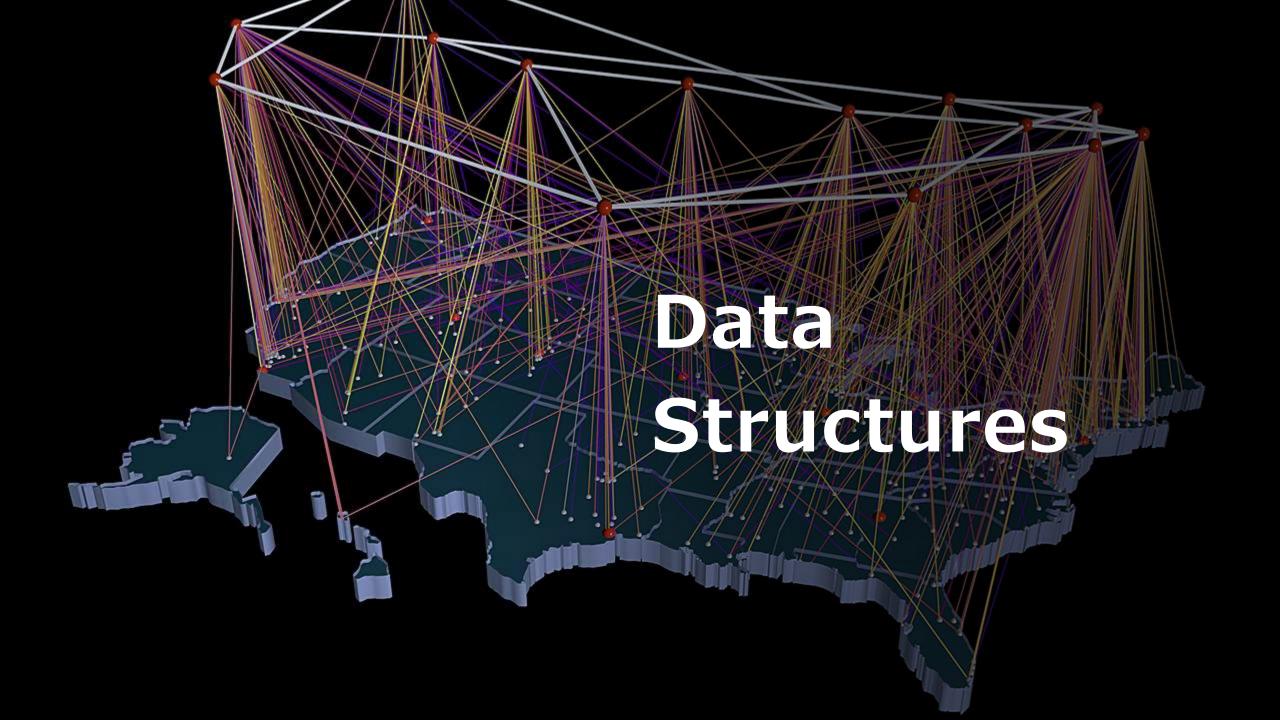
Computer Systems



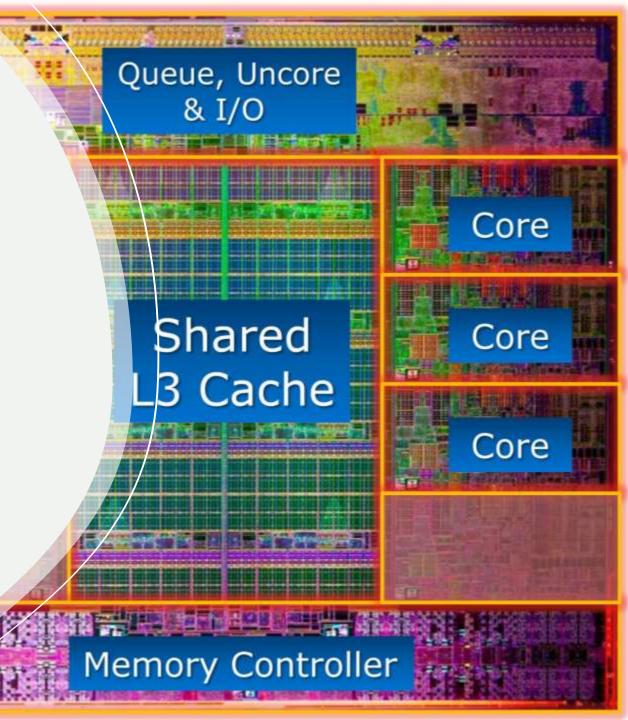
```
__modifier_ob
 mirror object to mirror
mirror_mod.mirror_object
 peration = "MIRROR_X":
mirror_mod.use_x = True
mirror_mod.use_y = False
### irror_mod.use_z = False
 _operation == "MIRROR_Y"
lrror_mod.use_x = False
 #Irror_mod.use_y = True
 lrror_mod.use_z = False
  operation == "MIRROR Z"
  irror_mod.use_x = False
  rror_mod.use_y = False
  rror_mod.use_z = True
  melection at the end -add
   ob.select= 1
   er ob.select=1
   ntext.scene.objects.action
   "Selected" + str(modified
   irror ob.select = 0
  bpy.context.selected_obj
  Mata.objects[one.name].sel
  int("please select exactle
  OPERATOR CLASSES ----
    pes.Operator):
    X mirror to the selected
   ject.mirror_mirror_x"
 ontext):
ext.active_object is not
```

Programming Languages





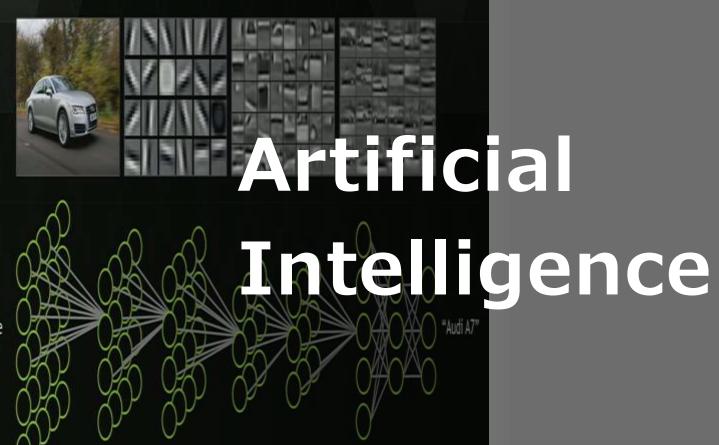
Computer Architecture



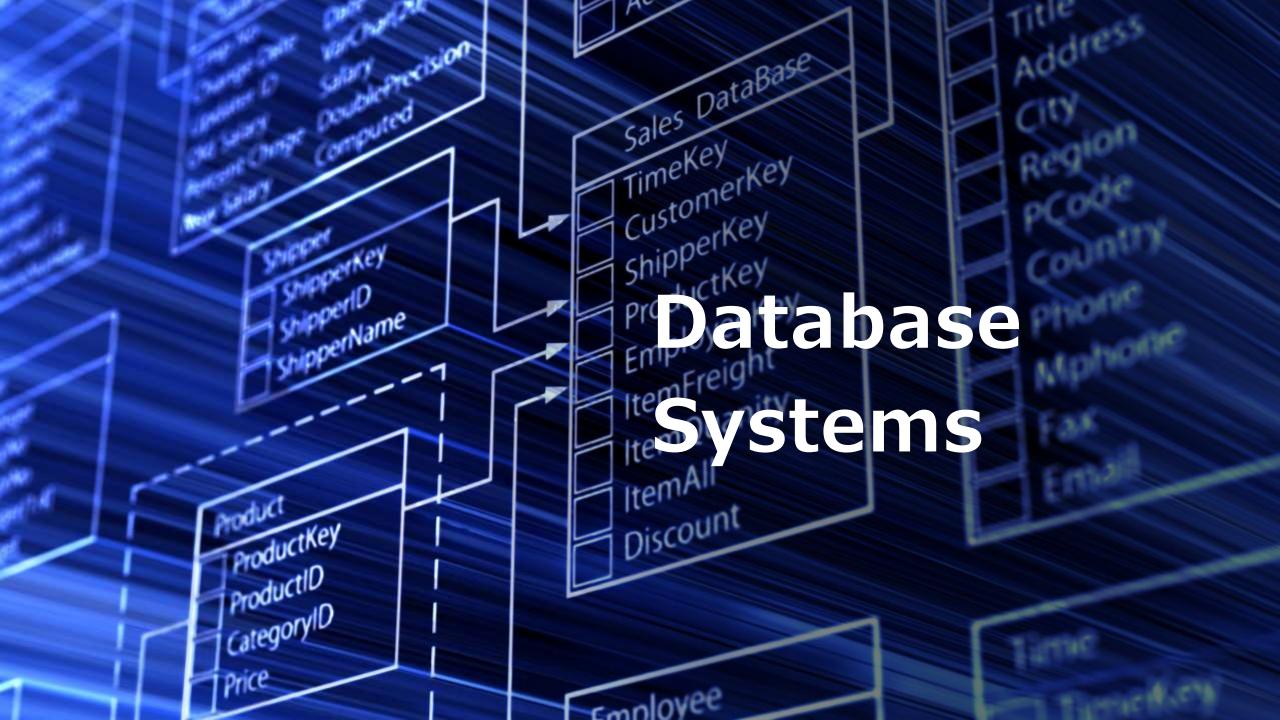




HOW A DEEP NEURAL NETWORK SEES



Image





HCI and more



Tasks

Analyzing problems (Problem Solving)

Tasks

Designing Efficient and Reliable Solutions



- strop; sapp share(function (sapp) (ss. options.initializer')();

Tasks

Implementing solutions using programming languages and tools



Industries

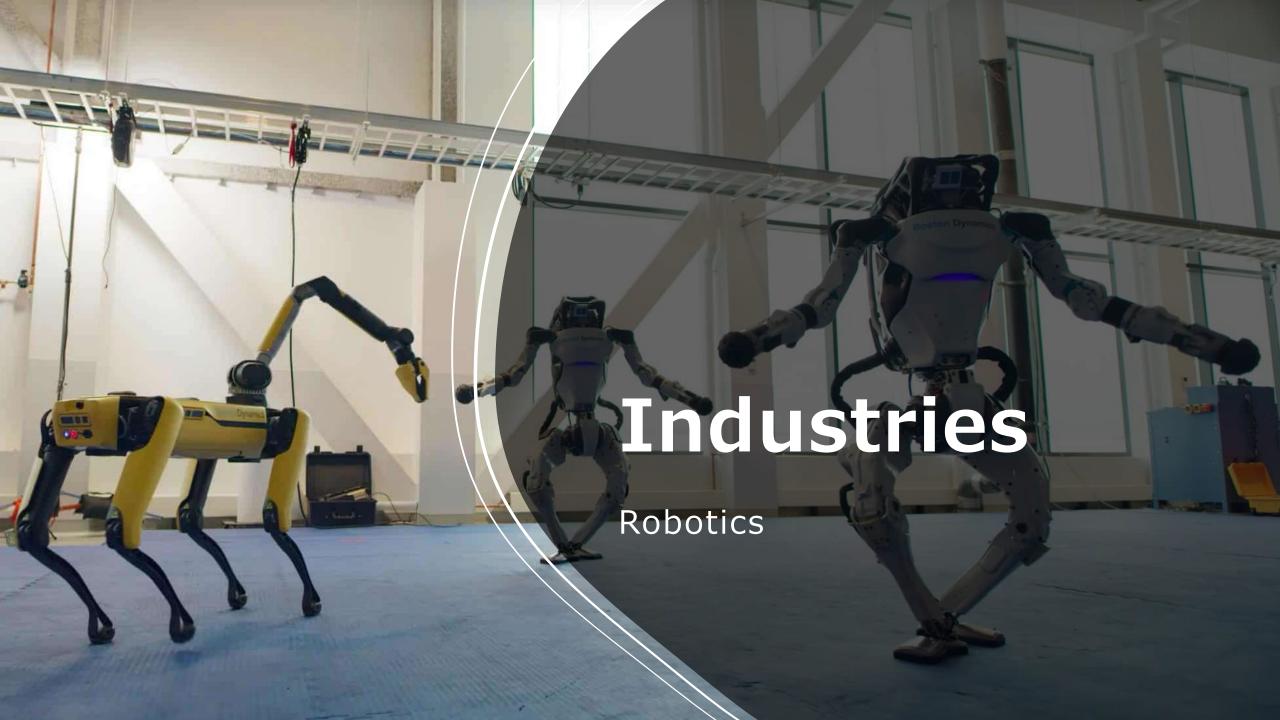
Software Development

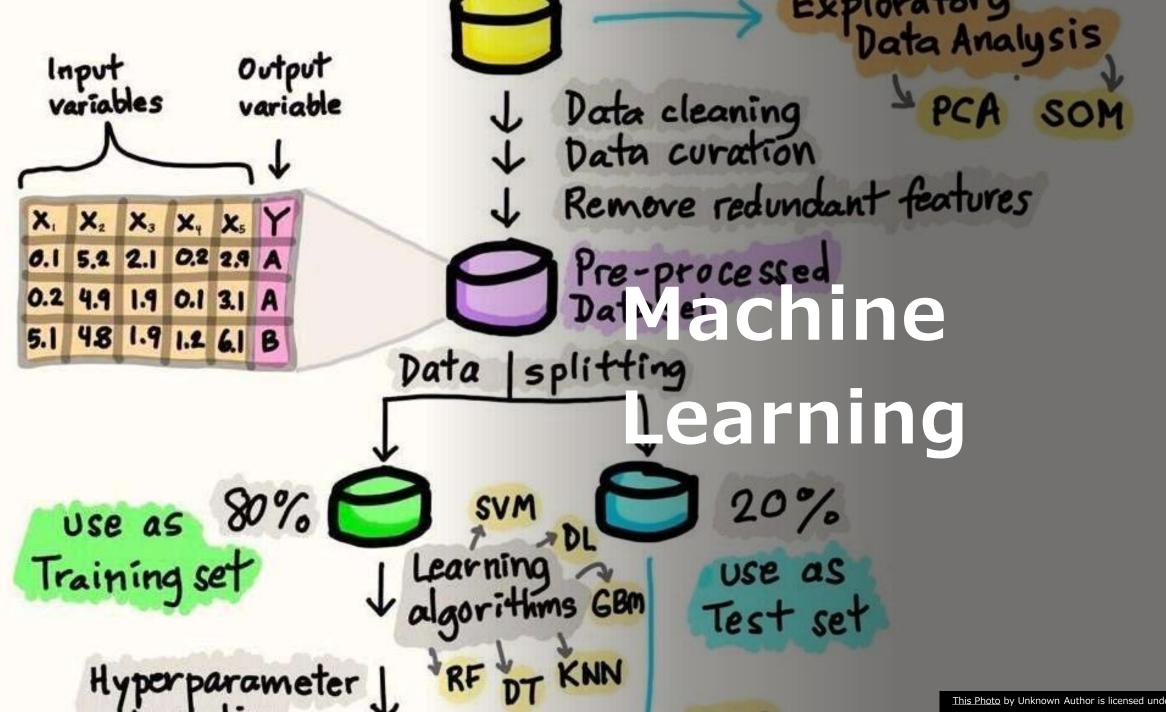


Industries

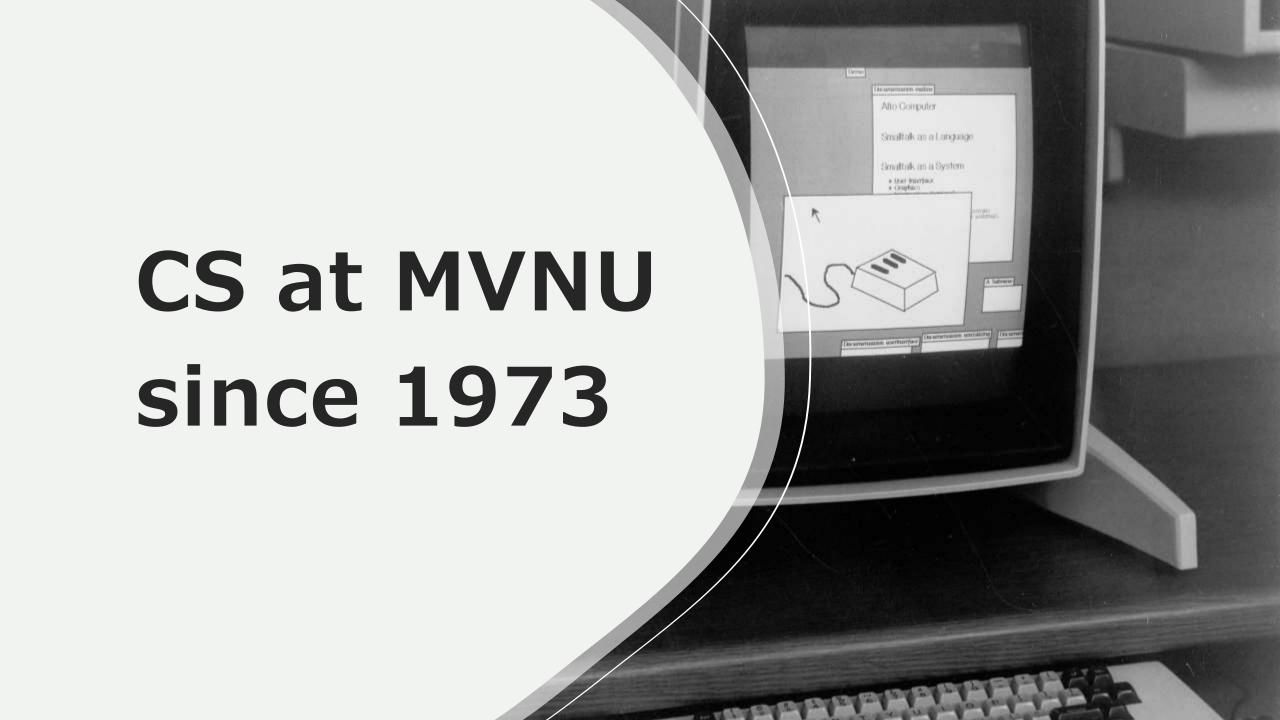
Data analysis















Three CS Programs at MVNU

Computer Systems and Network Engineering (CSNE) for Information Technology Professionals

Pick your own minor program of study

- * Network Engineer
- * IT Networking Specialist
- * IT System Administrator
- * Cybersecurity Analyst or DevOps Engineer





Computer Engineering

MVNU also has this related program of study

The best of Electrical Engineering (Digital Focus) and Computer Science

Who does well in CS?

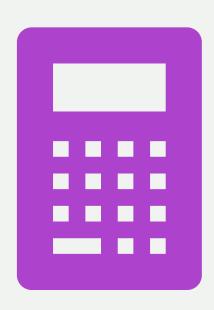
Likes to solve problems

Can handle multiple layers of abstraction

Build models to explain how things work

Glassdoor Best Jobs in 2022

- 1. Enterprise Architect (\$145k), up from #4
- 2. Full Stack Engineer (\$101k)
- Data Scientist (\$120k) still take some CS courses
- 4. Devops Engineer (up from #5, \$120k)
- 5. Strategy Manager (\$140k)
- 6. Machine Learning Engineer (\$130k)
- 7. Data Engineer (\$113k, usually needs Master's)
- 8. Software Engineer (up from #9, \$116k)
- 9. Java Engineer (big drop from #1, \$107k)
- 11. Back End Engineer (\$112k)
- 12. Cloud Engineer (\$119k)







Who's teaches CS?

Recent MVNU CS Graduates





















Recent MVNU CS Graduates

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- Major in Computer Science, Bachelor of Arts (BA)
- Major in Computer Science, Bachelor of Science (BS)
- Major in Computer Systems and Network Engineering, Bachelor of Science (BS)
- Minor in Computer Science
- · Additional Information about the MCS Department
- · Additional Information about the CS Programs
- · Additional Information about the Math Programs

Related Programs

aculty

Where can you learn more?

Website:

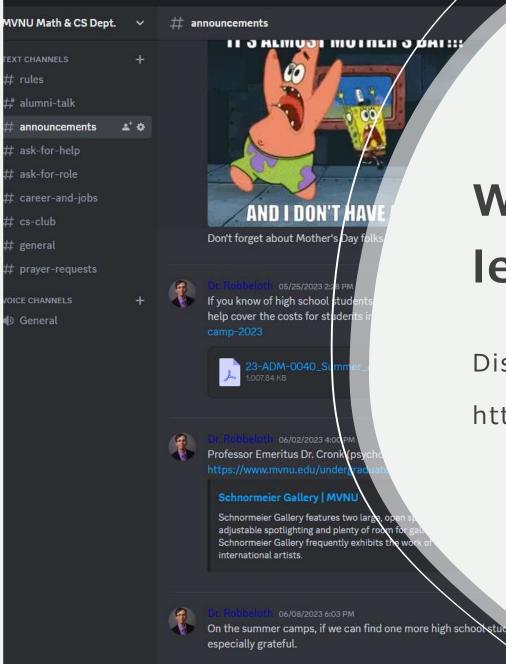
https://cs.mvnu.edu



Checklists for Academic Advising

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https://t.co/6qW5cPyrOd















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