

# Interdisciplinary computing summer institute



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Campus Relations Manager

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# Topics

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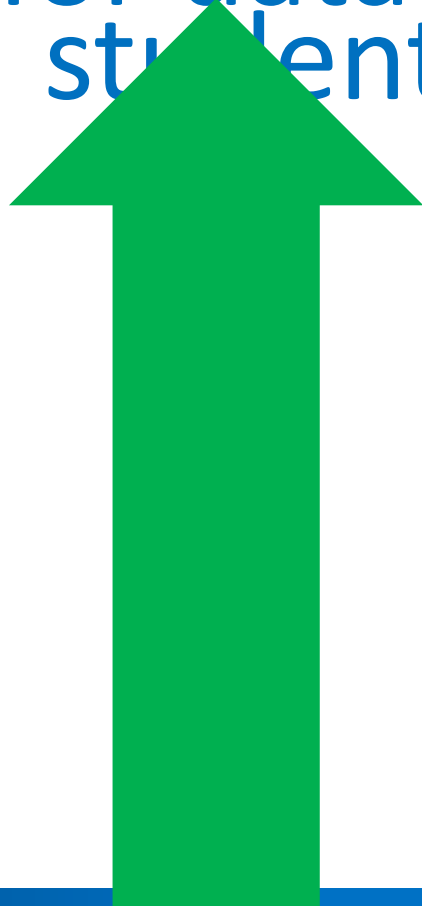
Demand  
for DS/IC

Industry  
Titles

Job skills/  
keywords

Prepping  
for Jobs

Demand for data science /ic  
students



# Topics

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# Industry titles for data science/ic Students

- AI Software Engineer
- Graph Analytics SW Engineer
- Big Data Developer
- Data Analyst
- Data Scientist
- Machine Learning Research Scientist



# Topics

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# Artificial intelligence product group

*Combining Intel hardware and software to accelerate AI workloads  
for data-intensive (AIPG) tasks like autonomous driving*

Devices / edge

network

Cloud/data center



# Job skills/keywords

Artificial Intelligence Software Engineer

## Job Description

Conduct AI technology research, design and PoC development in AR /VR /MR /Automotive /IoT.

Bring domain knowledge on Machine Learning, Deep Learning, CNN, RNN, and Natural Language Processing for image/voice processing.

Work with SW Architect towards resolution of technical issues with cross-functional teams.

Escalate issues in an appropriate and timely manner.

Excellent written and verbal communication and presentation skills in English.

## Minimum Requirements:

Master's degree in Electrical Engineering, Computer Science or equivalent discipline.

C/C++/C# development experience. Hands-on implementation is required.

AI research/algorithms/prototypes related to AR, VR, Video coding and/or image processing.

Software development and configuration management tools (i.e. Agile, Git, JIRA, SCRUM).

## Preferred Qualifications

-Experience with the specification of neural net architectures in TensorFlow and/or Caffe

-Strong technical skills on neural networks, decision trees, clustering, pattern recognition, deep learning, supervised learning & unsupervised learning.



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# What Managers Look For

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Relevant knowledge/  
courses/research

Critical thinking / judgment

Initiative

Flexibility / Adaptability

Resourcefulness

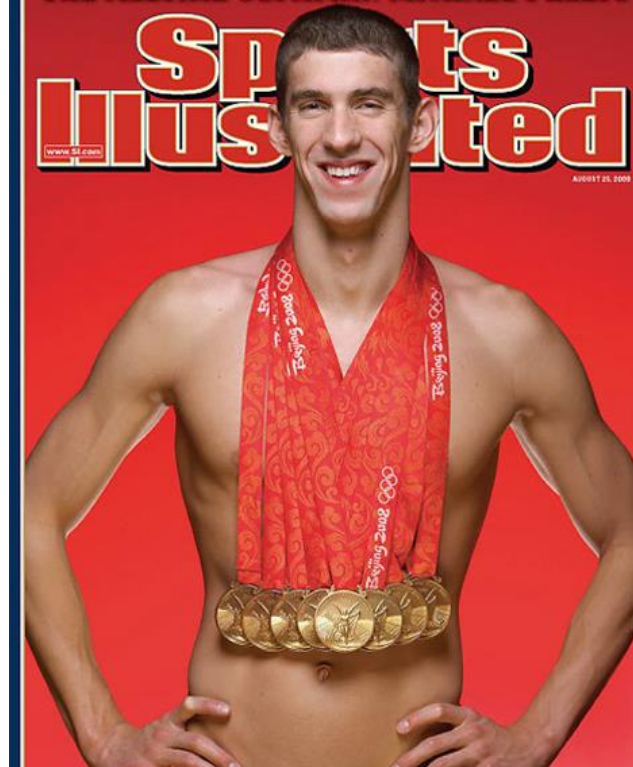
Influence

Effective team player

Results / customer orientation

# Prepping for Jobs

- Focus your objective
- List results on resume
- Network like crazy
- Interview success stories
- Never stop learning!





**Thank you!**  
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