Visualisation Programmer

STEM Meter

How much Science, Technology, Engineering and Mathematics (STEM) does this job use?

S — 59%
T — 96%
E — 75%
M — 71%

Source: jobsandskills.gov.au

Ajay is a visualisation programmer who developed a software program that makes complex data easy to understand. It turns huge amounts of complicated information into a clear story. Ajay also hosts a local radio show for his community where he delves into science-related topics. Find out more:
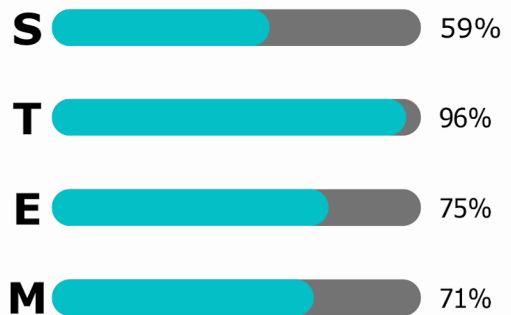
futureyouaustralia.com.au/pathfinders/ajay

"I have always been a visual person, attracted towards visual arts"

Job stats and facts

Future job growth: Over the next five years jobs in this field are expected to grow very strongly.

Location: 11% of visualisation programmers live outside capital cities.

Employment pathways: A bachelor degree or a VET qualification in a related field is required.

3 STEM skills required for this job	Subjects to develop these skills	3 other jobs that value this skill
Programming	Digital Technology, Mathematics	App developer, Database administrator, Systems analyst
Complex Problem Solving	Design and Technologies, Digital Technology	Police officer, Chemist, Geologist
Mathematics	Mathematics	Accountant, Teacher, Animator

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Other careers related to this line of work

Health

Healthcare Data Analyst
Medical Informatics Specialist
Epidemiologist
Biostatistician
Health IT Project Manager

Education

Data Science Educator
Educational Technology Specialist
Data Literacy Trainer
Online Course Developer
Visualisation Curriculum Designer

Leadership

Data Science Manager
Chief Data Officer
Analytics Director
Business Intelligence Manager
Technology Director

People

User Experience Designer
Customer Insights Analyst
Market Research Analyst
Social Media Analyst
Human Resources Analytics Specialist

Environment

Geospatial Analyst
Environmental Data Scientist
Geographic Information System Specialist
Climate Data Analyst
Sustainability Analyst

The world is changing rapidly, and this means the career possibilities available to our kids are wide-ranging and exciting (and probably, don't exist yet!).

From traditional vocations to emerging fields, there are countless pathways to be explored.

Parents and teachers can create environments that encourage kids to discover and investigate possible careers that match their skills and interests.

We've included some links to other valuable resources that can help guide career conversations and explorations. Find out more at:

www.futureyouaustralia.com.au/resources/other

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