How computer science skills have become one of the most attractive qualities to employers – and not just for traditional computing jobs.

**OUR REPORT IDENTIFIED 5 AREAS WHERE COMPUTER SCIENCE SKILLS ARE IN STRONG DEMAND**

- Programming & Information Technology
- Data Analysis
- Marketing
- Engineering & Manufacturing
- Design

**COMPUTER SCIENCE SKILLS OPEN DOORS TO HIGH-PAYING, HIGH-DEMAND JOBS**

- CS skills are 65% of the fastest-growing skills
- CS skills are 62% of the highest-value skills

But these jobs DO NOT NECESSARILY require a computer science degree.

- 82% of jobs using computer science skills do not require a computer science degree.

These jobs pay $22,000 over other roles that do not use computer science skills.

**COMPUTER SCIENCE SKILLS HELP JOB SEEKERS STAY AHEAD OF THE COMPETITION**

- Programmers: 90% (High Growth), 90% (High Value), 80% (Postings)
- Data Analysts: 100% (High Growth), 70% (High Value), 9% (Postings)
- Marketers: 70% (High Growth), 50% (High Value), 5% (Postings)
- Engineers: 80% (High Growth), 60% (High Value), 3% (Postings)
- Designers: 90% (High Growth), 90% (High Value), 6% (Postings)
- Overall: 82% (High Growth), 78% (High Value), 18% (Postings)

**Key**

- % of High Growth Skills with a CS Focus
- % of High Value Skills with a CS Focus
- % of Postings Requesting a CS Degree

Source: Analysis by Burning Glass Technologies. All data are from analysis of 26 million U.S. online job postings collected by Burning Glass in 2016.

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