Consider a Career in Computer Science

As a Computer Scientist you’ll analyze, design, and program computer systems


“What do Computer Scientists have to say about their work?

“It is technical and requires quite a bit of mental concentration… I get to help create something and move a project along so that the company is successful. That’s what I enjoy.”

-Scott Horn, Computer Software Engineer

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Computer Scientists change the way we live

They...

Program security systems to ensure greater public safety

Develop software that enables space exploration

Create TV, cell phone, and internet technologies to help people communicate
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-Scott Horn, Computer Software Engineer*
With a career in Computer Science you could...

- Create video games
- Improve music recording technology
- Design weather forecasting programs
- Help doctors track patient health
- Improve music recording technology
- Create video games
- Improve music recording technology
- Design weather forecasting programs
- Help doctors track patient health

Interested in working with many different types of businesses?

Computer Scientists can work for:

- Health care companies
- Law firms
- Movie studios
- Technology companies

Realities:

- MYTH: Computer Science is BORING.
- REALITY: It requires a lot of creativity, as well as technical skills, to develop software and solve programming issues.

Useful classes to prepare for college...

<table>
<thead>
<tr>
<th>Subject</th>
<th>Credit Hours</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>Math, Algebra, Calculus, Geometry, Statistics</td>
<td>3</td>
<td>A</td>
</tr>
<tr>
<td>Computer science</td>
<td>3</td>
<td>A</td>
</tr>
<tr>
<td>Computer programming</td>
<td>2</td>
<td>B</td>
</tr>
<tr>
<td>Computer applications</td>
<td>2</td>
<td>B</td>
</tr>
<tr>
<td>Network technology</td>
<td>1</td>
<td>A</td>
</tr>
<tr>
<td>Keyboarding</td>
<td>1</td>
<td>A</td>
</tr>
</tbody>
</table>

After high school, here’s the education you’ll need to succeed:

Starting Salaries begin around $45,000-$70,000 per year, up to $115,000 or MORE with several years experience.
Learn more about Computer Science

- Join a computer science club
- Enter a programming contest
- Interview someone about their job in computer science
- Research careers and find college and training program information on QualityInfo.org in the “Jobs & Careers” and “Training & Education” sections

Looking for more information on STEM occupations?
Contact Lmipubs@oregon.gov to order copies of the STEM brochure series, offered for the following occupations:

- Biological Science
- Computer Information Systems
- Computer Science
- Drafting and Surveying
- Engineering
- Health Care
- Mathematics
- Physical Science
- Social Science

You can also view these brochures on the Publications page in the Posters & Brochures section at www.qualityinfo.org/pubs.

Need help?
The Oregon Employment Department (OED) is an equal opportunity agency. OED provides free help so you can use our services. Some examples are sign language and spoken-language interpreters, written materials in other languages, large print, audio, and other formats. To get help, please call 503-947-1444. TTY users call 711. You can also send an email to communications@employ.oregon.gov.

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