Computer User Support Specialists

WHAT THEY DO
Provides technical assistance to computer users. Answers questions or resolve computer problems for clients in person, or via telephone or electronically. May provide assistance concerning the use of computer hardware and software, including printing, installation, word processing, electronic mail, and operating systems. Belongs to the Information Technology cluster and Information Support and Services pathway.

IS THIS FOR YOU?

Work Interests are described in the following categories (compatible with Holland’s Model) by people who tend to succeed in this career:

- **Conventional** – You are an "organizer". Keeping things neat and organized is important to you. You like working with charts and reports, and work well with power and authority.
- **Investigative** – You are a "thinker". When you have a problem, you like to analyze it and look at different ways to solve it. You like to work by yourself, and you don't like explaining your ideas to other people.
- **Realistic** – You are a "doer". You like physical activities and projects. You like to find the answers to problems by doing hands-on work instead of talking about solutions.

Work Values are aspects of work that are satisfying to you. The following work values are generally associated with this career.

- **Achievement** – It's very important to you that your work allows you to use your best abilities. You want to see the results of your work and get a feeling of accomplishment.
- **Independence** – It's very important to you that your work allows you to make decisions on your own. You want to try out your own ideas and work with little supervision.

Aptitudes reflect a person's ability to acquire skills and knowledge. The following aptitudes are important for success in the career:

- **General Learning Ability**
- **Verbal Aptitude**
- **Numerical Aptitude**

Source: https://secure.ihaveaplaniowa.gov/

SKILLS YOU NEED

Basic Skills:
- Reading Comprehension
- Active Listening
- Writing
- Speaking
- Critical Thinking
- Active Learning
- Monitoring

Transferable Skills (applicable in other careers): 

**High level**
- Answering questions about products and services
- Giving advice on computer programs and data
- Planning and giving information and help
- Preparing electronic data files
- Preparing technical or research reports
- Processing data on computers
- Working as a member of a data processing team

**Medium level**
- Complex Problem Solving
- Coordination
- Equipment Maintenance
- Equipment Selection
- Installation
- Instructing
- Judgment and Decision Making
- Persuasion
- Repairing
- Service Orientation
- Social Perceptiveness
- Time Management
- Troubleshooting

Additional skills for this occupation may be found at http://www.iowaworkforcedevelopment.gov/career-exploration-resources
ESTIMATED & PROJECTED EMPLOYMENT

<table>
<thead>
<tr>
<th>Occupational Title</th>
<th>2012 Estimated Employment</th>
<th>2022 Projected Employment</th>
<th>2012-22 Employment Change</th>
<th>Annual Growth Rate (%)</th>
<th>Total Annual Openings</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total, All Occupations</td>
<td>1,758,205</td>
<td>1,955,480</td>
<td>197,275</td>
<td>1.1</td>
<td>61,665</td>
</tr>
<tr>
<td>Computer &amp; Mathematical Occupations</td>
<td>33,470</td>
<td>40,560</td>
<td>7,085</td>
<td>2.1</td>
<td>1,275</td>
</tr>
<tr>
<td>Computer User Support Specialists</td>
<td>4,850</td>
<td>5,980</td>
<td>1,130</td>
<td>2.3</td>
<td>190</td>
</tr>
</tbody>
</table>

Source: [http://www.iowaworkforcedevelopment.gov/occupational-projections-0](http://www.iowaworkforcedevelopment.gov/occupational-projections-0)

2015 WAGE & SALARY ($)

<table>
<thead>
<tr>
<th>Occupational Title</th>
<th>Average Wage</th>
<th>Average Salary</th>
<th>Entry Wage</th>
<th>Entry Salary</th>
<th>Experienced Wage</th>
<th>Experienced Salary</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total, All Occupations</td>
<td>19.77</td>
<td>41,122</td>
<td>9.55</td>
<td>19,888</td>
<td>24.88</td>
<td>51,755</td>
</tr>
<tr>
<td>Computer &amp; Mathematical Occupations</td>
<td>34.36</td>
<td>71,470</td>
<td>21.43</td>
<td>44,571</td>
<td>40.83</td>
<td>84,919</td>
</tr>
<tr>
<td>Computer User Support Specialists</td>
<td>20.73</td>
<td>43,119</td>
<td>13.33</td>
<td>27,728</td>
<td>24.43</td>
<td>50,814</td>
</tr>
</tbody>
</table>

Source: [http://www.iowaworkforcedevelopment.gov/occupational-projections-0](http://www.iowaworkforcedevelopment.gov/occupational-projections-0)

EDUCATION & TRAINING

<table>
<thead>
<tr>
<th>Education</th>
<th>Work Experience</th>
<th>Job Training</th>
</tr>
</thead>
<tbody>
<tr>
<td>Some College</td>
<td>None</td>
<td>Moderate-Term On-The-Job</td>
</tr>
</tbody>
</table>

Training requirements for computer support specialists vary, but many employers prefer to hire applicants who have a bachelor's degree. More technical positions are likely to require a degree in a field such as computer science, engineering, or information science, but for others the applicant's field of study is less important. Some lower level help-desk jobs or call-center jobs require some computer knowledge, but not necessarily a postsecondary degree. Source: [http://www.iowaworkforcedevelopment.gov/occupational-projections-0](http://www.iowaworkforcedevelopment.gov/occupational-projections-0) and [https://secure.ihaveaplaniowa.gov/](https://secure.ihaveaplaniowa.gov/)

NATIONAL CAREER READINESS CERTIFICATE (NCRC)

<table>
<thead>
<tr>
<th>Skill</th>
<th>Median Skill Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>Applied Mathematics</td>
<td>5</td>
</tr>
<tr>
<td>Locating Information</td>
<td>4</td>
</tr>
<tr>
<td>Reading for Information</td>
<td>5</td>
</tr>
</tbody>
</table>

This ACT-developed credential demonstrates achievement and a certain level of workplace employability skills. The greater the score, the greater the skill level (Bronze = 3, Silver = 4, Gold = 5, Platinum = 6). Source: [http://www.act.org/workkeys/analysis/occup.html](http://www.act.org/workkeys/analysis/occup.html)

PRIMARY INDUSTRY SECTORS

(Where are Computer Systems Analysts Employed?)

Professional, Scientific, & Technical Education
Data Processing
Administrative & Support
Insurance Carriers
Merchant Wholesalers
Hospitals
Management of Companies
Agriculture

Source: [http://www.iowaworkforcedevelopment.gov/occupational-projections-0](http://www.iowaworkforcedevelopment.gov/occupational-projections-0)

ADDITIONAL SOURCES:

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