INTRODUCTION

Information technology (IT) jobs include occupations that are associated with entry-level, technical, and professional careers related to the design, development, support and management of hardware, software, multimedia, and systems integration services. IT employment is emerging in prominence across Southeast Michigan, and has experienced large growth in Macomb County in recent years.

WAGE DISTRIBUTION AND JOB OPENINGS

<table>
<thead>
<tr>
<th>Entry</th>
<th>Median</th>
<th>Experienced</th>
<th>Annual Openings</th>
</tr>
</thead>
<tbody>
<tr>
<td>Computer and Information Systems Managers</td>
<td>$38.76</td>
<td>$94.59</td>
<td>56</td>
</tr>
<tr>
<td>Computer Systems Analysts</td>
<td>$24.83</td>
<td>$60.42</td>
<td>95</td>
</tr>
<tr>
<td>Information Security Analysts</td>
<td>$28.83</td>
<td>$63.40</td>
<td>10</td>
</tr>
<tr>
<td>Software Developers, Applications</td>
<td>$28.35</td>
<td>$63.18</td>
<td>214</td>
</tr>
<tr>
<td>Computer User Support Specialists</td>
<td>$13.25</td>
<td>$37.52</td>
<td>105</td>
</tr>
</tbody>
</table>

5,796 WORKERS EMPLOYED

TOP POSTING EMPLOYERS

- Computer Task Group, Incorporated
- General Motors Company
- Revature
- General Dynamics Corporation
- Ascension Health
- DCS Corporation
- BAE SYSTEMS PLC
- Teksystems, Inc.
- Kelly Services, Inc.
- Moseley Technical Services, Inc
INDUSTRY EXPERTISE
Technology companies, often included among Professional, Scientific, and Technical Services, are the top posting industry. However, the widespread use of technology in all businesses means that Manufacturing, Administrative and Support Services, Retail Trade, Health Care and Social Assistance companies also post many ads for IT workers.

TECHNICAL SKILLS
• Software Engineering
• Java
• SQL
• C++
• Software Development
• JavaScript
• Operating Systems
• Linux
• Technical Support
• C

SOFT SKILLS
• Management
• Troubleshooting
• Problem Solving
• Communications
• Operations
• Computer Sciences
• Customer Service
• Integration
• Leadership
• Written Communication

EDUCATION AND CREDENTIALS

POSTINGS BY EDUCATION LEVEL
- High School: 14.8%
- Associate: 14.4%
- Bachelor's: 7.2%
- Master's: 62.6%
- PHD: 1.0%

JOB OPENINGS VS COMPLETIONS
- 2018 Program Completions: 3,299
- 2018 Job Openings: 1,563

TOP POSTED CERTIFICATIONS
• Certified Information Systems Security Professional
• CompTIA Security+
• Certified Ethical Hacker
• GIAC Certifications
• Certified Information System Auditor (CISA)
• Project Management Professional Certification
• Systems Security Certified Practitioner
• Microsoft Certified Systems Administrator (MCSA)
• Certified Information Security Manager
• CompTIA Network+

MACOMB, WAYNE, AND OAKLAND COUNTY 2018 PROGRAM COMPLETIONS

Schools Offering Programs: Macomb Community College • Henry Ford College • Wayne State University