

IT Resources through Tech HIRE

Maine is designated a "Tech Hire" community. <http://projectlogin.com/techhire/>
There are resources that come along with that designation that may be useful to staff and students at the Adult Ed centers. These are funded by public private partnerships and are offered at no cost to individuals who are unemployed.

If there are any students who are considering careers in IT, and are currently unemployed, they have access to 50 free courses on Plural Sight.

<https://learn.pluralsight.com/offers/tech-hire-signup>

These courses include: General Tech/Industry Knowledge, Front End Web Development, Technical Support, Data Science, General Job Skills, DevOps, Cloud Computing, Software Engineering Essentials, Front End Web, HTML5, JavaScript Fundamentals

There is a track for data professionals which includes: Excel, Data Analytics, SQL.

There is also a Job Skills for IT track where students will learn effective techniques and tools to help them perform and have a successful career in the tech industry. This includes: Job Search Strategies, LinkedIn Skills, Developing Phone and Email Skills.

Beyond the Tech Hire designation there are also several very good free resources:

www.freecodecamp.com

www.html5dog.com

www.edx.org

(The CS50 is an excellent baseline computer science course that can get people started)

<https://code.org/educate/curriculum/high-school> (this is a fantastic resource for educators who want to bring IT and coding skills to their classroom.)

Please share these resources widely among any job seekers who are even vaguely interested in IT.

IT Labor Market Landscape

Below is a snapshot of the Maine labor market demand for IT talent. These are the most demanded skills and occupations from 12/6/15 to 2/3/16.

Sources: [Burning Glass Technologies](#) and [Emsi](#) (projection data)

Open IT Occupations

1,141

Concentrated Demand for IT

- 60% Maine
- 100% Nationwide

Top Skills

Baseline Skills

1. Communication Skills
2. Organizational Skills
3. Problem Solving
4. Writing
5. Troubleshooting

Software and Programming Skills

1. SQL
2. Microsoft Excel
3. JAVA
4. Microsoft Windows
5. Oracle

Top Occupations

Top 5 Occupations

1. Software Developer / Engineer
2. Computer Support Specialist
3. Systems Analyst
4. Database Administrator
5. Network / Systems Administrator

Fastest Growing Occupations (2015-2020)

1. Software Developers, Systems Software
2. Computer and Information Research Scientists
3. Information Security Analysts
4. Computer Systems Analysts
5. Computer User Support Specialists

The concentrated demand for IT is a calculation of the local number of open IT job postings divided by local employment.