

JOBS OF THE FUTURE



**3 TEENS DOING
(AWESOME!)
APPRENTICESHIPS**

**QUIZ: FIND YOUR
DREAM JOB!**

EARN AND LEARN!

Get this: You can try out a career while still in school, get paid for it, and find out what you want to be when you grow up—through an apprenticeship.

Did you know that you can earn money to learn new skills—while still in school? You absolutely can. With a youth apprenticeship, you can get a paycheck while gaining skills that could lead to a good-paying job.

Teens who are 16 and older can use a youth apprenticeship to get a jump start on a career while still in high school. Interested in job training while earning income, an industry-recognized credential (which proves to employers you've got serious skills), and possibly even free college credits? Youth apprenticeships offer you hands-on learning, in a real workplace with coworkers and mentors, and a way into fields with job growth. "Apprenticeships provide students with relevant school-day, after-school, and summer work, and the opportunity to gain permanent employment



or acceptance into an advanced education program after high school," says Ken Frazier, program director at Rochester Regional Health in New York.

What are some hot fields that also have opportunities for youth apprenticeships? Careers where jobs are growing fast include: information technology and cybersecurity; advanced manufacturing and aerospace; energy; health sciences; finance and business; architecture and construction; and hospitality, lodging, and tourism.



"I see surgeries in person."

Yamilex Morales | age 17 | senior

Health care apprentice

What do you do as an apprentice?

I rotate among different departments at Rochester Regional Health in New York, so I've worked in pediatrics with kids, and in cardiology among heart patients. I've learned to take people's vital signs, like their blood pressure and temperature. My current assignment is my favorite: the

operating room. I help the operating room get ready for surgical procedures. I also help restock the carts that contain sterile surgical tools and instruments.

What do you like about the job?

It's exciting! I've seen several surgeries up close. I recently got to watch the removal of a patient's tumor with robotic surgery.

How do you fit in apprenticing with school?

I go to school for a full day, then several days a week I take the city bus to my apprenticeship and work there for four hours. I'll rotate through more departments and graduate from the program at the end of my senior year with a certificate and 2,000 hours of experience in health care to show an employer.



An apprenticeship offers hands-on learning in a real workplace with coworkers and mentors.

Maybe you have ideas about what you want to be when you grow up, or maybe you don't. A youth apprenticeship can help you nurture a passion or discover a career. To find out more, have your parent speak to your school administrator. Trusted adults can help you look online for your state's youth apprenticeship programs. And for serious inspiration, check out these teens who are finishing high school while making youth apprenticeships work for them!

Photo credit: © (top) SoStock/Getty Images; (right) Photo courtesy of Commonwealth Office of Technology in Frankfort, KY; (bottom) photo courtesy of Corliss Barnister, Trident Technical College



“Cybersecurity is like learning clues in a game.”

Gar Hunter | 18 | senior

Information technology (IT) apprentice

What drew you to apprenticing in IT?

I was always fascinated with computers, so when a teacher told me about this opportunity I applied. I started apprenticing the summer before senior year at the Commonwealth Office of Technology, a state government office in Frankfort, Kentucky. I'm a hands-on learner plus technology is a field that changes rapidly, so I'm learning things on the job that a textbook alone can't keep up with. I go to my high school classes for half the day and spend the other half apprenticing.

What are some of the things you've learned?

Working in IT is a little like being a detective. People might simply say their computer is “broken,” so I have to find out the issue before I can fix it. I help set up computers for the person using it next. That includes wiping hard drives; I completely clean them of data for security reasons. Lately, I've been learning to strip old parts from laptops and work in new parts, to help each computer last as long as possible.

What else have you learned?

I used to think I wanted to be a programmer, but now I want to work in cybersecurity. I like keeping information protected and the idea of learning how to detect unwanted activity. I've also learned how to speak up and ask questions so I can learn to the best of my abilities and how to accept criticism. I plan to finish my apprenticeship to earn a certificate and possibly take a gap year before college to get more on-the-job experience.

“I love talking to all the new people I meet every day.”

Carson Kosar | age 17 | senior

Hotel operations apprentice

How did you learn about apprenticeship?

I saw a school flyer and then met with a counselor. I wasn't sure what I wanted to be when I graduated, but I have good time-management skills and I'm a social person. Hotel operations looked interesting to me, and we agreed it might be a good fit. I apprentice at Hyatt Place, in North Charleston, South Carolina.



What is apprenticing like at a hotel?

Every day is different because the hospitality industry is changing constantly, and I kind of do everything. I answer the phones at the front

desk, serve coffee to business travelers, troubleshoot technical problems, and I try to be prepared for large groups coming to the hotel.

What skills have you learned?

I'm always practicing time management, to balance school and work. And I'm using hospitality skills I learn in class in real life, such as patience, empathy, how to make conversation, being genuinely kind, and especially really *listening* to guests, coworkers, and your boss when they give you constructive criticism, and learning from it.

DO WHAT YOU LOVE FOR A CAREER

Doing what you like can guide you to the perfect career. Check the activities below that seem most interesting, then see where you have the most picks.

ARTISTIC

- Write books or movie scripts
- Create movie special effects
- Compose, arrange, or play music
- Paint sets for plays
- Draw pictures

BUSINESS-MINDED

- Manage a store
- Market a new line of clothing
- Start your own business
- Represent a client in a lawsuit
- Sell stocks and bonds

HANDS-ON

- Set up and operate machines
- Build things with tools
- Assemble electronic parts
- Repair appliances
- Put out forest fires

HELPING OTHERS

- Teach kids sign language or your favorite subject
- Help people with their personal or emotional problems
- Show someone how to play sports
- Help someone recover from an injury
- Do volunteer work

INVENTIVE

- Create a healthier alternative to sugar
- Develop a new medicine
- Investigate the cause of a fire
- Conduct chemical experiments
- Do laboratory tests

IS THIS JOB FOR YOU?

Here are some ideas to start your exploration.

- **Artistic** architect; graphic designer; music director; video game designer; sound engineering technician; author
- **Business-Minded** real estate sales agent; spa manager; marketing manager; fitness and wellness coordinator; financial manager; meeting and event planner; paralegal
- **Hands-On** solar energy system engineer; manufacturing engineer; IT security analyst; aerospace engineering and operations technician; forester
- **Helping Others** health educator; teacher; athletic trainer; social worker; nurse; school psychologist
- **Inventive** forensic science technician; fire investigator; medical and clinical laboratory technician; web developer

SHOW ME THE MONEY!

So how much money does the average American make? Answer: \$48,251.57 per year. How far that money will go depends on the cost of living in the area where you live.

Check out these median annual salaries in fields that often offer youth apprenticeships.



Aerospace engineering and operations technician
\$67,010



Computer programmer
\$84,280



Emergency medical technician (EMT)
\$34,320



Information security analyst
\$98,350



Licensed practical nurse (LPN)
\$46,240



Meeting/convention/event planner
\$49,370



Surgical technologist
\$47,300