



## CAREER PROFILE

# Systems Test Engineer

For decades, Itron has been delivering critical energy and water infrastructure services and products to customers around the globe—and the company is just getting started. **Systems test engineers** serve as a main resource for Itron's fast-growing lab automation and information needs. They leverage automation to increase productivity and consistency of labor-intensive manual test processes and help support Itron's company purpose to be more resourceful with energy and water.

## WHAT IS A SYSTEMS TEST ENGINEER?

**Systems test engineers** look at both the big picture and individual systems, which are composed of hardware, software, and firmware. Itron products go to market with a combination of these elements, so the role of systems test engineers is critical to ensuring the components of all systems work together as intended. They collaborate with teams across the business to develop and maintain automation processes for new products. They evaluate, automate, debug, and remediate the automation platform and testing of new products.

## CAREER OUTLOOK

As we see an increase in manufacturing automation, there will be a quickly increasing need for **systems** test engineers in the future!

Projected job growth: 25% (2021–2031)<sup>1</sup>

Median annual salary: \$100,000<sup>2</sup>

## IS SYSTEMS TEST ENGINEER A GOOD CAREER FOR ME?

Systems test engineers are:

- team players
- analytical thinkers
- complex problem-solvers
- mechanically minded workers
- solution-seekers
- workers savvy with technology and computer programming

### AM I

- analytical?
- mechanically minded?
- good at solving problems?

### DO I

- like to solve problems?
- enjoy working with computers and technology?
- work well with teams?

<sup>1</sup> <https://www.zipppia.com/system-test-engineer-jobs/>

<sup>2</sup> <https://www.bls.gov/ooh/computer-and-information-technology/software-developers.htm>

## HOW DO I BECOME A SYSTEMS TEST ENGINEER?

You will need to:

- take classes in computer science and technology
- develop your teamwork skills
- study computer science, computer engineering, or software engineering in college
- get job experience in manufacturing, in a test lab, writing software, or with automating systems