Sharing Award-Winning Best Practices in Communications

Kerry Gerot
Director of Communications and Community Relations
Academy of Global Logistics Portal Website - academy.polb.com
Computer Analyst
Program the Future

Solve what?

Chances are you’re hired for coding, programming, or software development. Be the producer who makes the connections that help companies and people navigate the 21st century. Step yourself in for the ride. Computer programmers are getting hotter and faster by the second.

Many local public and private schools offer computer studies. Consider how quickly you want to work and the level of education and expertise needed for a specific job. Here are some local schools that offer two-year and four-year programs:

What It Pays
- $91,417 median annual base mid-level experience in Los Angeles County
- Hourly range of $36.80 to $56.54 in California, based on experience level

What You Need
- Bachelor’s degree

Where to Find Local Programs
- Cal State University
- California Institute of Technology
- California State University, Channel Islands
- California State University, Dominguez Hills
- California State University, Long Beach
- California State University, Los Angeles
- California State University, Northridge
- California State University, San Bernardino
- El Camino College
- Orange Coast College
- San Diego State University
- San Jose State University
Electrician
Wire the World

Install, repair and wire the world!

Electricians use their hands and minds to build buildings, power homes, businesses and lives. With the push for clean energy, the opportunities for this career are boundless. Go for the green while helping the world go green.

What It Pays

- $46,515 median annual salary with mid-level experience in Los Angeles County.
- Median hourly wage of $22.35 to $38.33 in California, based on experience level.

What You’ll Need

- On-the-job training usually as an apprentice. The International Brotherhood of Electrical Workers, in partnership with the National Electrical Contractors’ Association, offers paid apprenticeships that include on-the-job training and classes at the IBEW/NECA Electrical Training Institute of Southern California in Los Angeles.
- Community colleges offer a variety of career classes.
- State license for contractors.

Where to Find Local Programs

- The International Brotherhood of Electrical Workers Local 11 represents more than 12,000 workers in the Long Beach/Los Angeles area. In partnership with the National Electrical Contractors’ Association, Local 11 offers paid apprenticeships that include classroom and on-the-job training through the Electrical Training Institute of Southern California.
- Long Beach City College offers classes through its Electrical Technology Program.
Environmental Specialist

Go Green

Is green your favorite color?

If you love the planet and want to make a difference on a global scale, jump in and discover endless opportunities for making the world a better place for all its inhabitants. Whether in the lab, out in the field, or in the office, environmental specialists study the quality of our air, water, and soil to help individuals and institutions make better choices so everyone can work, play, and prosper in an healthier world. Join the growing ranks of people building the new green economy to ensure the long-term survival of us all.

What It Pays

- $84,427 median annual for mid-level experience in Los Angeles County
- Median hourly range of $31.46 to $48.07 in California, based on experience

What You’ll Need

- Bachelor’s Degree
- Master’s degree or doctorate for research positions

Where to Find Local Programs

- California Polytechnic University, Pomona
- California State University, Channel Islands
- California State University, Long Beach
- California State University, Los Angeles
- California State University, Northridge
- California State University, San Bernardino
- Chapman University
Land Surveyor

What you need:
- Land surveying training or education
- Knowledge of land surveying equipment and techniques
- Strong math and measurement skills

What it pays:
- Median annual salary: $54,930
- Highest annual salary: $83,490

International Trade Specialist

What you need:
- Bachelor's degree in business or a related field
- Knowledge of international trade laws and regulations
- Familiarity with technology and software used in trade

What it pays:
- Median annual salary: $62,350
- Highest annual salary: $111,410

What's in it for you?
- Opportunity for travel and working abroad
- Potential for advancement to management positions

Freight Forwarder

What you need:
- High school diploma or equivalent
- Strong communication skills

What it pays:
- Median annual salary: $50,600
- Highest annual salary: $95,600

What's in it for you?
- Potential for advancement to management positions
- Opportunity for travel

Speak Geek?

Chances are you're suited for coding, programming or software development. Be the producer who makes the connections that help companies and people navigate the 21st century. Step yourself for the kind. Computer skills are getting better and faster by the nanosecond.

Many local public and private schools offer computer studies. Consider how quickly you want to work and the level of education and expertise needed for a specific job. Here are some local schools that offer two-year and four-year programs:

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AAPA/2017 Port of LONG BEACH
GREEN PORT OF THE FUTURE
How do shoes made in Asia get to the U.S.?

Goods move from one country to another thanks to freight forwarders. As travel agents for cargo, they book passage on planes, trains, ships and trucks for imports and exports, make sure everything has documents, and track items from origin to destination. Moving stuff requires people skills. Enjoy working with folks all around the world.

**What It Pays**
- $43,514 median annual for mid-level experience in Los Angeles County
- Median hourly range of $16.46 to $27.86 in California, based on experience level

**What You’ll Need**
- High school diploma or equivalent highly recommended
- Clerical and communication skills
- State License
International Trade Specialist

Like to Travel

What it Pays

- $28,802 median annual for mid-level experience in the U.S.
- Median hourly range of $14 to $56 nationwide, based on experience level.

What You'll Need

- Bachelor’s Degree
- Master's degree or MBA

Where to Find Local Programs

- Cal State Northridge
- California State University Channel Islands
- California State University, Dominguez Hills
- California State University, Fullerton
- California State University, Long Beach
- Mount St. Mary's University
- Long Beach City College
- Pepperdine University
- San Diego State University
- University of La Verne
- University of San Diego

If you've got a passport and a knack for business, international trade may be the field for you. Work your way up to a career that helps the world go round by monitoring markets, tracking global trends and bringing international cultures closer together. A foundation in international business and world affairs is a must. Skills in more than one language open even more doors. Pick your bags with a solid education and several years of job experience. Your flight is waiting.
Land Surveyor
Calculate and Create

Got perspective?

If you like geography and geometry in equal parts, land surveyor may be your common denominator. These masters of measurement triangulate, calculate and evaluate the lay of the land and derive the data needed to develop, design and build. The tools of the trade include pigs, lasers and altimeters, as well as GPS and GIS technology. Set your coordinates!

What It Pays

- Land Surveyor In Training
  $60,000 median annual pay for mid-level experience in Los Angeles County.
  Hourly range of $23.07 to $37.81 in California, based on experience.

- Land Surveyor
  $81,004 median annual pay for mid-level experience in Los Angeles County.
  Hourly range of $33.39 to $41.21 in California, based on experience.

What You'll Need

- Entry-level land surveyors must have a Land Surveyor-in-Training (ST) license from the California Department of Consumer Affairs Board for Professional Engineers, Land Surveyors and Geologists.
- Applicants must have two years of college-level land surveying courses, or three or more years of related work experience, or a combination of coursework and work experience totaling four years.
- Applicants must pass the National Council of Examiners for Engineering and Surveying (NCEES) Fundamentals of Surveying (FS) exam, in order to qualify for ST certification.
- Licensed land surveyors must have a state license and meet additional requirements.

Where to Find Local Programs

...
The best part about civil engineering for me is that it starts out with a two-dimensional drawing that actually gets constructed in three dimensions.

Zeph Varley
Civil Engineer

Civil Engineer
Builds Bridges

Want to solve problems and make the world a better place?

If you like math and science, civil engineering may be right up your alley. Design roads, bridges, and buildings so people can travel, have places to work, and enjoy a better quality of life. Who knows? One day, you may catch your own kids bragging about what you created!

What It Pays
- $95,285 median annual pay for mid-level experience in Los Angeles County
- Hourly range of $38.22 to $55.44 in California, based on experience level

Where to Find Local Programs
- California Baptist University
- California Institute of Technology
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- California State University, Los Angeles
- California State University, Northridge
- Loyola Marymount University
- San Diego State University
- University of California, Irvine
- University of California, Los Angeles
- University of California, San Diego
- University of Southern California

World Trade Career Guide
Port of Long Beach Academy Careers - Zeph Varley, Civil Engineer

Zeph Varley is a civil engineer for the Port of Long Beach, working on the Gerald Desmond Bridge Replacement Project.
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Zeph Varley is a civil engineer for the Port of Long Beach, working on the Gerald Desmond Bridge Replacement Project.
• 28,000 page views
• 22,000 unique visitors
• $50,000 budget
CAREER FAIRS, WORKSHOPS
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