

SOFTWARE DEVELOPER AND SOFTWARE QUALITY ASSURANCE ANALYST & TESTER

WHAT WILL I BE DOING?

- Modify existing software to correct errors, allow it to adapt to new hardware, or to improve its performance.
- Develop or direct software system testing or validation procedures.
- Direct software programming and development of documentation.
- Consult with customers or other departments on project status, proposals, or technical issues, such as software system design or maintenance.

NATIONAL, STATE AND LOCAL WAGE INFORMATION

	2019 Entry Level Hourly Wage	2018 Employment	Projected 2028 Employment
Capital Area	\$32.69	11,287	14,840
Texas	\$35.25	68,289	89,736
United States	\$30.88	1,469,200*	1,785,200*

WHAT JOB TITLES SHOULD I SEARCH FOR?

- Software Developer, Systems Software

WHERE COULD I WORK?

- Computer Systems Design and Related Services
- Professional and Commercial Equipment and Supplies Merchant Wholesalers
- Software Publishers

KNOWLEDGE AND SKILLS NEEDED

WHAT TYPE OF EDUCATION AND/OR TRAINING WILL I NEED?

Workers in occupations at this level can develop the skills needed for average job performance by obtaining a bachelor's degree.

WILL I NEED A SPECIAL LICENSE OR CERTIFICATION?

Many occupations prefer or require at least one certification for entry or advancement.

Primary Data Sources: Texas Workforce Commission at texaslmi.com, JobsEQ at jobseq.eqsuite.com, Bureau of Labor Statistics at bls.gov, and CareerOneStop at careerinfonet.org; 2019, Software, Applications, *US projections are for 2019-2029



OCCUPATIONAL PROFILE

For Staff Use

SOC: 15-1256

CIP: 11.0801,
14.0903

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CAPITAL AREA CAREER LADDER

* Also Included on Targeted Occupation List (PY 2021)

*Software Developer & Quality Assurance Analyst

Hourly Wages

- Entry Level: \$36.61
- Median Level: \$51.49

Typical Education & Experience

- Associate's or Bachelor's Degree

3,553 new & replacement positions between 2018-2028

Computer Programmer

Hourly Wages

- Entry Level: \$26.36
- Median Level: \$43.17

Typical Education & Experience

- Associate's or Bachelor's Degree

*Web Developer and Digital Interface Designer

Hourly Wages

- Entry Level: \$25.22
- Median Level: \$35.52

Typical Education & Experience

- Associate's Degree

260 new & replacement positions between 2018-2028

This Career Ladder is for illustrative purposes and does not display all pathways for career advancement. For more information or feedback email: CareerLadder@wfscapitalarea.com

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Relay Texas: 1.800.735.2989 (TDD) / 711 (Voice). www.wfscapitalarea.com

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Bureau of Labor Statistics at bls.gov, and CareerOneStop at careerinfonet.org, 2019



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