

Programmer II

Permanent—Full-Time

Position Number 339-100-1383-900

Salary Range: \$4,217 – \$5,542

DUTIES: Under supervision of the Information Technology unit manager, the incumbent develops and maintains websites and applications as well as provides support and administration of the California State Auditor's servers, clients, and network. The incumbent helps define the required systems specifications using business/user requirements, knowledge of systems software, hardware, databases, security, and/or networks. Specific duties include but are not limited to:

Website and Application Development and Maintenance – 75%

- Perform maintenance and testing of CSA's existing internally developed websites and applications.
- Analyze, develop, test, debug, and deploy new CSA websites and new subsystems for CSA's existing applications.
- Install, test, and maintain various database software, database administration tools, system support and performance monitoring tools.
- Provide innovative information technology solution recommendations for the implementation of customers' business needs. Ensure application development is consistent with best practices and meets customers' business needs.
- Create and edit technical documentation for design and implementation of information technology systems/programs.
- Collaborate with other staff to develop, format and deploy web content.
- Coordinate with designers and other programmers to develop websites.
- Prepare and coordinate intranet and internet website updates.
- Develop and maintain website and application development guidelines and procedures.
- Maintain knowledge of current trends in application development.

LAN Administration – 15%

- Install, upgrade, configure, document, and maintain the office's network and server hardware and software to provide increased capability and meet requirements.
- Test newly installed hardware/software systems to ensure that they function correctly and meet requirements using test scenarios and test plans, vendor supplied tools, documentation, and/or technical knowledge as needed.
- On a rotating schedule, assure that daily, weekly, monthly, and other backups are properly performed on critical data.
- Perform analysis and make recommendations, both formal and informal, to manager on hardware/software systems to suggest alternatives that satisfy business requirements using technical knowledge, documentation and communication skills as needed.
- Support the administration of the office's Active Directory infrastructure.

IT Office Functions – 10%

- Assist in maintaining laptops, desktops, and printers.
- Assist in solving issues raised via the IT Unit Help Desk line.
- Assist in the procurement of IT hardware and software.
- Troubleshoot, analyze, and resolve hardware and software problems.

Programming Environment: The California State Auditor's Office currently uses the following tools:

- Ruby (programming language)
- PostgreSQL (database)
- OpenBSD (operating system)
- Nginx (webserver)
- Git (revision control)

Desirable Qualifications:

- Existing experience with the tools listed above is desirable, but hands-on training on all of these tools will be provided as needed.
- Experience with or desire to learn application and website development.
- Experience with or desire to learn procedural, object-oriented, functional, and declarative programming approaches.
- Experience with or desire to learn administration of Unix-like operating systems.
- Experience with or desire to learn SQL database usage and design.
- Experience with or desire to learn automated testing to ensure program correctness.
- Experience with or desire to learn website layout and design.
- Experience with or desire to learn source code revision control.
- Experience with or desire to learn about website and application security.
- Experience in business process documentation and testing methodologies.
- Experience in configuring, troubleshooting, analyzing and diagnosing computer software/hardware issues.
- Strong written and oral communication skills including preparation of detailed technical documentation.
- Excellent collaboration and customer service skills.
- Strong analytical, problem solving, planning, and organizational skills.
- Ability to be flexible to shift in priorities and/or workloads to achieve project goals.
- Ability to work both independently and as part of a team.
- Knowledge of computer, network, application, and database structures.

TO APPLY, send or deliver a completed state application (STD.678) to:

Location

California State Auditor
Human Resources Office
621 Capitol Mall, Suite 1200
Sacramento, California 95814

Contact

Marya Liberty
(916) 445-0255, ext. 215
Maryal@auditor.ca.gov

All applications must be postmarked no later than the final filing date. **Applications postmarked after the final filing date will not be accepted for any reason.**

FINAL FILING DATE: NOVEMBER 6, 2015

SELECTION PROCESS: Current state employees with status in the Programmer II classification, lateral transfers from equivalent classifications, former state employees who can reinstate into either classification or persons who are reachable on a current employment list for either classification may apply. Training and development assignments may be considered.

All interested applicants must submit a standard state application (STD. 678) with an original signature. **Emailed applications will NOT be accepted.** All appointments will be made in accordance with applicable personnel laws and rules. Only those appearing most qualified will be interviewed. Additional hires may be made from this bulletin if positions become available.

Any applicant receiving a conditional job offer will be subject to fingerprinting and an inquiry to the CA Department of Justice to disclose criminal records prior to appointment.

All State Auditor's Office employees are excluded from collective bargaining.

The State of California is an equal opportunity employer to all, regardless of age, ancestry, color, disability (mental and physical), exercising the right to family care and medical leave, gender, gender expression, gender identity, genetic information, marital status, medical condition, military or veteran status, national origin, political affiliation, race, religious creed, sex (includes pregnancy, childbirth, breastfeeding and related medical conditions), and sexual orientation.

IT IS AN OBJECTIVE OF THE STATE OF CALIFORNIA TO ACHIEVE A DRUG-FREE STATE WORK PLACE. ANY APPLICANT FOR STATE EMPLOYMENT WILL BE EXPECTED TO BEHAVE IN ACCORDANCE WITH THIS OBJECTIVE BECAUSE THE USE OF ILLEGAL DRUGS IS INCONSISTENT WITH THE LAW OF THE STATE, THE RULES GOVERNING CIVIL SERVICE AND THE SPECIAL TRUST PLACED IN PUBLIC SERVANTS.