

Thank you for your interest in volunteering for the City of Los Angeles Housing and Community Investment Department (HCIDLA). Our Systems division is looking for talented and highly motivated currently enrolled college students who seek excellent hands-on experience related to the Computer Science and Computer/Management Information Systems area. A minimum of 16 hours per week with 3+ hours time blocks and consistent schedule every quarter or semester in school are expected to provide enough time to work on programming tasks in an efficient manner. This is an excellent opportunity for volunteers to have a taste of working independently in a fast pace software development environment.

Volunteer opportunities are available during our business hours; Mondays to Fridays, 7:00am – 5:00pm. We are located at 1200 W7th St, Los Angeles CA 90017. Please email hcidla.systemspersonnel@lacity.org for more information about volunteer opportunities.

Below are the volunteer opportunities currently available:

Software Application Support volunteers

This is a project-based hands-on experience in software development, unit/regression testing, agile/scrum methodologies, programming in [ASP.NET](#) MVC, database programming in T-SQL and code management through Team foundation Server. Volunteers will put their basic software programming skills to practice by creating new features to existing applications. Individuals with verbal and customer service skills will also have the opportunity to provide technical assistance to users, enhance existing software to suit user's needs and create technical documentations.

User Experience and Quality Assurance volunteers

Volunteers will be participating in the initial and the final phase of the software development cycle. Individuals with interests in business analysis and user experience will have the opportunity to use their great communication, writing and presentation skills by performing requirement gathering, wireframe design, writing user guides, quality assurance testing and conducting user training sessions.

Data analysis and Reporting volunteers

This opportunity concentrates on experiences in database and data analysis projects. Volunteers with interests in data analysis and reporting will have opportunities to put their T-SQL, Power BI and SSRS skills to use by designing and creating dashboards and executive reports, creating data dictionaries for reports to explain the data definition and report assumptions, designing and documenting databases in data migration. Individuals will use their analytical skills to analyze and interpret ad-hoc data requests, create appropriate data queries, troubleshoot data issues, modify existing stored procedures to improve performance and optimize SQL query.