






# Alex Mathis

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## Experience

### San Bernardino County - March 2015 to Present

ASSESSOR/RECORDER/COUNTY CLERK – AUTOMATED SYSTEMS ANALYST (APR. 2020-PRESENT)

SHERIFF – AUTOMATED SYSTEMS TECHNICIAN (SEPT. 2019 TO APR. 2020, JAN. 2018 TO JAN. 2019)

SHERIFF – PUBLIC SERVICE EMPLOYEE (JAN. 2019 TO SEPT. 2019, MAR. 2015 TO JAN. 2018)

- Responsible for end user support and task automation. Major examples include writing scripts or simple programs to query computer or user information, automate software installation/configuration, and perform mass profile configurations through Active Directory.
- Provides user, computer, and server administration through Active Directory, Exchange, SCCM, and vSphere. Including but not limited to account creation, security policy creation, application/image creation and deployment, and security updates.
- Assists employees over telephone and in person with issues caused by defective hardware, Microsoft Windows, Microsoft Office, and by proprietary systems such as CAD, CNI JIMS, OffenderWatch, FTO, Meditech, PIMS, Q-Matic, and Techcare.

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## Major Projects and Skills

- EZ Inventory – A WPF project designed to simply hardware inventory by leveraging WMI/CIM and registry access. It's now used every day by my IT department to save time on information gathering.
- Dungeon Raid and Galaxy Conquest – Two Unity games developed for both desktop and mobile
- Various scripts in both Powershell and Visual Basic for both business and technical use. These include querying info, parsing files, writing to files, software configuration/installation and complex control loops using different functions and classes
- Experience using C# and the WPF framework to develop desktop applications, including an inventory tracking app currently used by my company
- Experience developing in the following languages: C, C#, C++, Python, Java, MySQL, Powershell, and HTML in both Windows and Linux.
- Experience with Visual Studio and Eclipse IDEs

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## Education

JUNE 2019

### B.S. Computer Science / CSU San Bernardino

Member of the CSE Club, Information Security Club, and the Institute of Electrical and Electronics Engineers (IEEE) professional organization