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# Zoë L. Williams

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## Professional Summary

- Eighteen (18) years of professional experience developing and maintaining web based and client/server applications using a variety of tools, including Microsoft C#.NET, ASP.NET MVC, Visual Studio, and Microsoft SQL Server.
  - Eighteen (18) years of professional experience planning, implementing, and maintaining network infrastructures using a combination of Microsoft, Cisco, Dell, and open source (Unix/Linux) technologies.
  - Eight (8) years of experience working with Criminal Justice Data and meeting FBI CJIS policies. CJIS certified by Florida Department of Law Enforcement. Former certified law enforcement officer.
  - Bachelor of Science degree from Florida State University in Computer Science with a Mathematics minor.
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## Experience

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|---------------------|---|--|
| Jun 2009 - Present  | <b>Florida State University</b>   | Program Manager, ELVIS Project               |
|                     | <ul style="list-style-type: none"><li>• Prepared initial and continuation yearly budgets and grant paperwork to ensure longevity of the project</li><li>• Developed and released state-wide law enforcement web application with grant funding from FDOT<ul style="list-style-type: none"><li>◦ Designed/implemented new “Electronic License and Vehicle Information System (ELVIS)”</li><li>◦ Developed complex client/server and web (ASP.NET MVC) applications using HTML5 and C#</li></ul></li><li>• Designed and maintained databases using MS SQL Server, replication, indexing, migration and backups</li><li>• Developed and maintained project network infrastructure in compliance with FBI CJIS policies</li><li>• Worked with Florida Department of Law Enforcement to design software security per FBI CJIS policies</li><li>• Maintained project development schedule, managed releases, and supervised developers</li><li>• Oversaw all development, support, and network design decisions and activities</li><li>• Consulted and offered support to law enforcement agencies on network design and maintenance issues</li></ul> |  |
| Jan 2008 - Jun 2009 | <b>Trak Engineering, Inc. Tallahassee, FL</b>   | Software Engineer /<br>Network Administrator |
|                     | <ul style="list-style-type: none"><li>• Developed complex TCP/IP client/server and web applications using .NET Framework 2.0</li><li>• Wrote TCP/IP applications using C for PIC microcontrollers</li><li>• Created and maintained SQL Server and Visual Foxpro databases</li><li>• Designed, implemented, and maintained internal company network</li></ul>  |  |
| Apr 2005 - Feb 2006 | <b>Marion County Sheriff's Office Ocala, FL</b>   | Deputy Sheriff                               |
|                     | <ul style="list-style-type: none"><li>• Certified Law Enforcement Officer</li><li>• Medal of Commendation, Eagle Eye Medal</li></ul>  |  |
| Feb 1999 - Dec 2007 | <b>Williams Surveying, Inc. Ocala, FL</b>   | Vice President                               |
|                     | <ul style="list-style-type: none"><li>• Managed personnel and budget to ensure timely delivery of work product</li><li>• Managed accounts payable/receivable, purchasing, and collection of funds</li><li>• Performed computational and legal checks for product accuracy and minimum technical standards</li></ul>   |  |
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## Education

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|-------------|--|--------------------------------------|
| 2009 - 2012 | <b>Florida State University</b>          | <b>BS, Computer Science</b>          |
| 2000 - 2002 | <b>Central Florida Community College</b> | <b>AA, Computer Science (Honors)</b> |
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## Technical Skills

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|---|---|--|
| <ul style="list-style-type: none"><li>• IT Project Management</li></ul>       | <ul style="list-style-type: none"><li>• Microsoft Visual Studio and .NET Framework</li></ul>        | <ul style="list-style-type: none"><li>• Microsoft SQL Server Database Administration</li></ul> |
| <ul style="list-style-type: none"><li>• ASP.NET MVC Web Development</li></ul> | <ul style="list-style-type: none"><li>• Web-Based and Client/Server (TCP/IP) Applications</li></ul> | <ul style="list-style-type: none"><li>• Network Design and Troubleshooting</li></ul>           |
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## Certifications

- Current Criminal Justice Information Systems (CJIS) certificate issued by FDLE