

## Adam B. Ewing

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Computer Engineer with 15 years of experience developing software on multiple operating platforms with expertise in C++, C#, HPCC, JavaScript, and Graphical User Interface development as well as providing Engineering support to multiple projects for multiple clients.

### Formal Education

World Brewing Academy, Advanced Brewing Theory Program  
Siebel Institute of Technology, 2017

Bachelor of Science, Computer Engineering  
Wright State University, 2003

### Professional Experience

Software Engineer 2017 – Present  
Lexis Nexis Risk Solutions

- KTR engineer for Public Records and Healthcare data
- Implement custom KTR solutions for clients using the Kettle ETL software
- Develop custom JavaScript for client solutions
- Troubleshoot and resolve production issues

Software Engineer 2015 – 2017  
Lexis Nexis

- ECL developer in the HPCC environment
- Worked with document classification, enrichment, and entities
- Performed ETL on big data
- Operated in Agile environment (Scrum and KanBan)
- Served as Scrum Master for a development team

Software Engineer 2012 – 2015  
Intelligrated

- Developed an XML configuration generation tool in C#
  - Developed numerous XML schemas for the validation, serialization, and deserialization of XML.

- Designed a table structure for a SQL database
- Developed stored procedures for accessing a SQL database
- Developed both a user-friendly wizard and an expert-level mode
- Conducted live training for in-house customers
- Developed panels for a domain-specific framework based on JavaScript and HTML5
  - Utilized the MVVM architectural pattern
  - Developed for browser-based use on both desktop and mobile platforms
  - Conducted live testing both in a simulated environment as well as on production level equipment.
- Contributed to multiple documentation efforts
  - Authored significant portions of training and user documentation
  - Reviewed and provided input as a subject matter expert to training and user documentation

Software Engineer  
Booz Allen Hamilton

2003 – 2011

- Developed multi-platform software in C++ for the automated analysis of satellite imagery
  - Developed algorithms focusing on material identification and change detection
  - Developed software to align and sharpen imagery
  - Developed and maintained Graphical User Interfaces using Qt for numerous applications and provided support to end users
  - Developed a rigorous software test suite for applications to ensure a reliable product
  - Authored User Manuals and training documentation for software
- Developed digital signal processing software in C++ to process real-time data
  - Collaborated with Signals Analysts to address high-priority, client-directed tasks
  - Provided Engineering support to multiple projects at once
  - Developed Graphical User Interfaces in Qt for real-time data processing systems
  - Performed Hardware and Software integration
  - Performed signal analysis in a lab environment
  - Managed the development of two new applications, demonstrated them to clients, and supported them all the way through to delivery
  - Trained operators on new software, authored training and user documentation, and performed client demonstrations and delivery for numerous applications
- Developed software in C++ to model and simulate radar applications
  - Developed Graphical User Interfaces in Qt for real-time data processing and presentation
  - Developed software for the visualization of frequency spectrum usage

Network Assistant, Intern  
The Relizon Company

2001 - 2003

- Worked to resolve network issues both internally and for numerous company locations across the country
- Analyzed VPN usage of field employees and actively worked to create a significant reduction in annual cost
- Helped troubleshoot and configure 3Com and Cisco equipment