

Lee Painton

Software Engineer

Contact

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Languages

C#, Java
Python, SQL
jQuery, Javascript
CSS, HTML
C++, VBScript

Technologies

.Net, WPF
Winforms, Swing
SQL Server

Summary

New graduate software developer with an interest in both human and computer languages and experience supporting research groups. Has done work developing freelance software for a business client. Has also worked as part of a mission-critical team.

Education

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| May 2016 | Masters in Computer Science
<i>GPA: 3.5</i>
Relevant coursework: Computational Linguistics, Topics in Grounded Language for Robotics, Applied Artificial Intelligence | Brown University |
| May 2014 | B.S. in Computer Science
<i>GPA: 3.9 – Summa Cum Laude</i> | Montclair State University |

Experience

Software Development

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| 2014–Now | Part-time Freelance
<i>Software Engineer</i>
Developed a Windows-based application suite for business client Metra. The suite includes Windows-based software tools to interface with the company's Axxess product line (http://axxessinterfaces.com/). The net benefit to Metra was to modernize the software Metra offers its clients and thus increase the marketability of the company's products. | Providence, RI |
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Information Technology

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|-----------|---|---------------------------|
| 2010–2011 | Celgene Corporation
<i>Information Security Consultant</i>
Worked with the Active Directory security team. Besides daily processing of tickets and documentation of business processes, also composed .NET scripts to automate the creation of directories, the assignment of security groups and the renewal of expiring accounts. This helped Celgene in its efforts to automate processes as part of the implementation of an ITIL compliant framework. | Summit, NJ |
| 2007–2009 | Becton Dickinson
<i>Information Security Analyst</i>
Worked with a mission critical information security team to process security related tickets controlling access to servers and file systems. Also created software tools to integrate Lotus Notes with Active Directory and automate the monthly resetting of passwords on UNIX servers. Net benefit to employer was an increase in the efficiency of existing processes. | Franklin Lakes, NJ |

Projects

- 2015–2016 **Metra App** <https://github.com/Evangielis/MetraApp>
A commercial application to interface with Metra's line of Axxess radio mod boards. It was designed primarily with retailers in mind who might need to perform the same firmware updates and steering wheel control configurations multiple times a day.
- 2015 **ConfusionQuiz** <https://github.com/Evangielis/ConfusionQuiz>
This application interfaces with an Intel RealSense device and constructs both a video and an XML record of facial cues while the user takes a randomized quiz of designed to confuse them. Data was stored as a series of time-elapsd frames with recorded integer values for metrics offered by the Intel RealSense API.
- 2014–2015 **Robocook** <https://github.com/h2r/robocook>
A research tool in the form of a game about cooking with the help of a robot. This was written in JQuery utilizing elements of the GameQuery library. Uses WebSockets to communicate with an AI agent running BURLAP on a web-server and saves data on user actions. Was designed to support research being done by Stephanie Tellex's H2R group at Brown University. A demonstration can be found at <http://elzar.cs.brown.edu/robocook/>
- 2013 **The Assembler** <https://github.com/Evangielis/TheAssembler>
Educational tool presented in the form of a game designed to teach concepts of logic gates and assembly language to students. The final project consists of three interlinked modules: a game environment, a logic gate simulator and a fully functional terminal implementing a fully functional version of Madnik's little man computer.