Rita Lu

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www.ritalu.me

EXPERIENCE

Intern Developer   May 2014 - Present
Ayuda Media Systems, Montreal, QC

- Developed a web-based API using C# in the .NET framework for an advertising management platform to allow manipulation of data
- Developed a console application to demonstrate features of API
- Created web documentation and wrote extensive unit tests for API
- Provided support in the event of software bugs
- Worked on system maintenance patches and data fixes

C#, JavaScript, jQuery, ASP.NET MVC, SQL Server 2012, Visual Studio 2012

Piano Instructor   November 2011 - June 2013
Vivaldi Music School, Brossard, QC

- Planned and taught weekly piano lessons to children aged 6-16 in French and English

RECENT PROJECTS

Inkr.me, the online comic aggregator   September 2014 - Present

- Set up and managed a MongoDB database, accessed using Mongoose
- Designed a sensible and efficient way to store information on users and comics
- Developed an API to communicate with the front end
- Implemented routing using Express.js and Node.js

JavaScript, MongoDB, Express.js, Angular.js, Node.js, Mongoose, HTML, CSS

AI Player for Halma   April 2014

- Designed and implemented an AI player for a version of the game Halma using a custom informed search algorithm

Java, Eclipse

WeaClo Advisor   January 2014

- Took part in making a web application that uses the Google Maps API to find out its user's current location, WeatherUnderground's API to access weather information in order to show the user what kind of clothing would be appropriate for current conditions

HTML, CSS, JavaScript, jQuery, Python, Django, MongoDB

SKILLS

Natural Languages: English, Mandarin Chinese, French
Programming Languages: C#, C, Java, Python, JavaScript
Web Technologies: HTML, CSS, jQuery, Node.js, Express.js
Frameworks: ASP.NET MVC
Databases: SQL, MongoDB, Mongoose
Operating Systems: Windows, Unix

EDUCATION

Bachelor of Science, Computer Science   September 2011 - May 2015 (Expected)
McGill University, Montreal, QC