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November 18, 2016

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LinkedIn

Summary

- Computer Science graduate with Upper Second Class degree from the University of Liverpool

- Interested in using my experience to help businesses adapt, improve productivity and satisfy their customers

- Looking to explore interesting opportunities, work with great teams and contribute wherever I can

Education

- **University of Liverpool** Liverpool, UK
  BSc. Computer Science - 2.1 *2009 - 2012*
    - Completed university dissertation project with a "first-class grade" (>70%)
    - Degree modules: Databases, Mobile Computing, Advanced OO Programming, Algorithms and Data Structures, Networks, Software Engineering, Artificial Intelligence, E-Commerce and others.

Skills

- **Web Development:**

    - **Client Side:** Javascript, AngularJS, CSS, XHTML/HTML5
    - **Server Side:** Spring, Ruby on Rails, Sinatra, Django and Flask

- **Desktop Programming:** I have experience creating desktop applications using the Java programming language and the Java Swing framework. I'm also experienced writing devops provisioning scripts in Ruby using Puppet and Python using Ansible.

- **Mobile Applications:** Whilst studying mobile computing, I gained experience using Objective-C and the C programming languages to create applications for the iOS platform. I created applications using a JSON API and a data presentation application to study the use of tables in Cocoa Touch. Source code for all these projects is available on my Github page (http://github.com/ashleyconnor).

- **OS and Applications:** Proficient on Mac, Debian *nix and Windows Operating Systems. Experienced in writing shell scripts to automate repetitive tasks. Knowledge and experience of common UNIX tools such as grep, awk and sed. I also have working knowledge of both git and Mercurial version control systems.

- **Database and Servers:** Experience designing and implementing databases, including normalising of data and indexing of frequently retrieved data using MySQL and Postgres. Also experienced with writing SQL queries and working with ORMs such as ActiveRecord and PDO. More recently I've been personally experimenting with document based databases (known as NoSQL).

- **Computer Science:** Designing, testing and evaluating sequential algorithms, able to identify appropriate data structures, familiar with core operating system concepts, concurrency and multi-threading, good understanding and experience of "Agile" development methodologies.

- **Team Skills:** I'm able to communicate ideas and feedback effectively with other co-workers. Listening to teammates arguments and concerns to hash out the best solution for a given problem. I also enjoy researching problems and finding effective tools, processes and solutions.

Work Experience

- **Ontario Teachers' Pension Plan**   Toronto, ON, Canada
  Senior Software Developer   *June 2015 - Present*
  - Working on the member services web application front-end SPA and related RESTful APIs
  - Developing mobile applications using the Ionic framework
  - Integrating with internal REST and SOAP webservices as well as legacy Smalltalk servers via RPC
  - Technologies include Javascript, Java, AngularJS, Gulp, Spring, Wicket, Gradle, Maven, Cloud Foundry

- **Sportech PLC (Football Pools)**   Liverpool, Merseyside, UK
  Agile Web Developer   *May 2014 - May 2015*
  - Working with large scale (6,000,000+) internal customer service support system
  - SOA with communications between services using REST clients
  - XML processing of incoming data from third-party APIs
  - Technologies include Rails, RSpec, Cucumber, Redis, Resque, Javascript, SQL and Postgres

- **Sensible Development**   Brighton, East Sussex, UK
  Software Developer   *Aug 2012 -Mar 2014*
  - Duties include: fixing bugs and implementing requested features into Sensible's auction platform using Java, Hibernate, JPA and MySQL
  - Writing unit tests in Python or Java with JUnit, implementing client designs using SASS and Compass
  - Using `Django` framework and `Python` to create custom Content Management Systems and E-Commerce platforms

Personal

- **Hobbies:** Keeping physically fit, Reading, Electronics (Arduino/Raspberry Pi), contributing to Open Source projects and Travelling.

- **My Ideal Position:** Working with a solid team solving interesting problems. I enjoy every part of development, from back-end optimization to client-side interaction. I enjoy working in a fast-paced environment pushing measurable results to clients and the public, using the skills that I have honed throughout my development experience and academic study. I would love to make a difference wherever and however I am able.

  More recently I've been interested in the functional programming languages and frameworks. In my spare time I've been learning the Elixir and Clojure to develop skills in alternative programming paradigms. I've since been using these tools to create interesting web applications using the websockets protocol.