

# Alex Saunders

## Personal Info

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<b>Last Name:</b>	Saunders	<b>Address:</b>	C1017 Vine Court
<b>First Name:</b>	Alex	<b>(Term Time)</b>	35 Myrtle Street
<b>Date of Birth:</b>	29 <sup>th</sup> May 1996		Liverpool
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<b>Nationality:</b>	English	<b>(Non-Term-Time)</b>	Little Shelford
<b>Languages:</b>	English (fluent) German (basic) French (basic)		Cambridge
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## Introduction/Profile

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I am a first year computer science student at Liverpool University with a special interest in developing a career within the computer games industry. I have a passion for problem solving and a logical mind, and take pride in delivering tasks and meeting deadlines on time while keeping the highest standard in mind.

## Main Skills/Abilities

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### Coding Languages:

- Programming
  - **Java** ( > 2 years)
  - **C++/C#** (Learning, < 1 year)
  - **Pascal** ( > 3 years)
  - **Assembly** ( < 1 year)
- Scripting & Web Development
  - **HTML, CSS 3.0** ( > 3 years)
  - **JavaScript/jQuery** ( > 2 years)
  - **MySQL** ( > 2 years)
  - **ASP (Classic)** ( > 1 year)
  - **Python** (*Very basic, learning game logic*) ( < 1 year)

### Development:

- Operating Systems
  - **Windows** (98-XP-Vista-7)
  - **Linux** (Scientific 6.3)
  - **OS X** (10.8-10.9-10.10)
- Code Environments
  - **Eclipse** (Luna 4.4.1)
  - **Visual Studio** (2012)
  - **RAD Studio** (XE7)
  - **Lazarus** (1.0)
  - **Unity** (4.6.0)
  - **Notepad++**
  - **Sublime Text**
  - **jEdit**

### Software:

- **Photoshop**

- **3DsMax**
- **Microsoft Office** (XP-2003-7-10)
- **Logic Pro 9**

#### **Software Engineering Methodologies Knowledge:**

- **Systems Development Life Cycle (SDLC)**
- **Object-oriented programming (OOP)**
- **UML Diagrams**
- **Black and White Box testing**
- **Automated Test Harness**

#### **Education/Qualifications**

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Current: *University Of Liverpool*

*Liverpool, Merseyside*

**Computer Science with a Year in Industry BSc (Hons)**

Expected Graduation: 2018

Past: *Hills Road Sixth Form College*

*Cambridge, Cambridgeshire*

A Levels:

**Computing, Physics, Music Technology**

Graduated: 2014

Past: *Sawston Village College*

*Cambridge, Cambridgeshire*

GCSE's (11):

Graduated: 2012

- ABRSM Pianoforte Grade 6 Piano
- ABRSM Grade 4 Oboe
- Full UK driving license.

#### **Employment**

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**May – August 2012 (Summer Placement): Project Coder/Assistant**

CARET, Cambridge University Library

*CARET (now known as Digital Services) is an innovation unit at the University of Cambridge focused on the development of e-learning and research technologies.*

#### **Responsibilities:**

- Assisting with programming and administrative tasks
- Designing and implementing a webpage/script within the given project
- Attending meetings with clients
- Testing designed webpages
- Identifying bugs and subsequent report writing

#### **Achievements:**

- Created a webpage for use within Cambridge University's intranet
- Helped one of the lead programmers working on Cambridge University's *Darwin Correspondence Project*

**September 2012 – June 2013: Lifeguard**

Sawston Sports Centre, Cambridge

**Responsibilities:**

- Working within a team to organize and run swimming sessions
- Managing children's parties
- Keeping groups of people under control during swimming lessons/free sessions
- Running the front desk, undertaking administrative tasks

**August 2013 – Present: Waiter, Barman and Kitchen Assistant**

Square & Compass, Great Shelford, Cambridge

**Responsibilities:**

- Working with and assisting the head chef to keep a lunch/dinner session running smoothly and efficiently
- Being friendly to customers to ensure a good representation of the workplace
- Handling customer bookings/complaints

**Personal Interests and Activities**

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In my leisure time, I keep busy with gaming, sports activities and creating my own small programming projects. These projects started off centered around web design, gradually moving into server-side scripting and database management/querying. More recently I have moved onto games design, designing simple 2D games using Java, I hope to develop my skills over time so that I may move onto 3D games design that implements the graphics card and applies libraries such as OpenGL.

As well as these side projects, I spend my free time playing games and am a big fan of strategy, sandbox, RPG and simulation games.

Besides gaming and programming, I enjoy various sporting activities, in particular watersports, and am a member of both Sawston, and Liverpool University Octopush clubs. In addition to watersports I enjoy playing a round of golf.

For many years I have taken lessons for both the piano and oboe and now enjoy playing in my spare time, as well as working on small composition projects.