

# Zlatomir Kosev

☎ 07906560707    🌐 github.com/zlatoto11    in Zlatomir Kosev    🌐 http://zlatkosev.me    ✉ Email: zlatomir\_hk@hotmail.com

---

## EDUCATION

---

### UNIVERSITY OF NOTTINGHAM

*Masters of Computer Science*

Final Grade: First Class Honours

Nottingham

Sep 2016 - Jul 2020

### VISION WEST NOTTINGHAMSHIRE COLLEGE

*Software Development*

Final grade: D\*D\*D\*

Mansfield

Sep 2014 - May 2016

## SKILLS

---

- **Languages:** Java, C#/C/C++, SQL, HTML, CSS, JavaScript, PHP
- **Frameworks/Libraries:** .NET, React, Bootstrap, Git
- **Other Technologies:** Use of REST API's, SQL Server, Android Studio, Visual Studio, Unity Engine, GitHub, Photoshop, Blender

## NOTABLE PROJECTS

---

### IDEATION CARDS DIGI-SESSIONS

Group project

*Unity Engine, C#, Oculus Rift*

- Developed and tested a **Unity** application which allows for ideation cards to be transferred to a digital medium with all the same functionality as physical cards with potential future expansion into virtual reality.
- Created a modular service which allows for any ideation card deck to be imported into the system through the use of a .csv file which allows for easier testing by creators and saves money on printing costs.
- Designed and implemented a saving and loading system allowing for the state of the board to be saved and continued at a later time.
- Added a system which allows for notes to be placed upon cards.
- Participated in weekly meetings with project supervisor to discuss and strategise future developmental plans.
- **Link to project:** <https://zlatoto11.github.io/portfolio-website/#/portfolio-website/ideationcards>

### ANDROID MOBILE RUNNING TRACKER APPLICATION

Third year module

*Android Studio IDE, Java, SQLite database, SQL*

- Created a real-time activity tracking application utilising new **Android OS** features. These included database content provider/contract, binders, broadcast receivers, listeners, notification manager and intents.
- The application continuously logs and stores the user's current location during their activity through the use of a **SQLite database** which allows the user to see a visual representation of their activity.
- Created a saving system allowing for all activities to be saved upon completion and accessed/edited at a later date.
- Taught me alot about Android OS feature set. The application was written in **Java** using the **Android API**.
- **Link to project:** <https://zlatoto11.github.io/portfolio-website/#/portfolio-website/mobilerunningtrackerapplication>

### ANDROID MOBILE LEARNING APPLICATION

Third year dissertation

*Android Studio IDE, Java, SQLite database, SQL*

- Created and tested the effects of a multiple-choice learning application on human memory retention.
- The project incorporates multiple **Android OS** features listed in the project above. One example of this would be the **SQLite database**, which was used to store and retrieve questions.
- The application lets the user test themselves against a base foundation of questions as well as add their own questions to learn from. Results were taken at weekly periods to determine effectiveness of the software.

- This project was done as part of my third year dissertation and was used to gain a working understanding of **Android Studio** and the mobile application creation process using **Java**.

- **Link to project:** <https://zlatoto11.github.io/portfolio-website/#/portfolio-website/mobilelearningapplication>

## **ONLINE BOOK DATABASE MANAGEMENT**

Personal project

**ASP.NET Core, C#, HTML, CSS, JavaScript, Bootstrap, SQL Server**

- Developed and tested a web application which pulls data from a local **SQL Server** database and displays it to the user through the use of a dynamically populated table. Has functionality for all CRUD operations.
- Added further styling through the use of external libraries such as SweetAlert, Toastr and DataTables. DataTables is dynamically populated through the use of **JavaScript** which makes an **API** call to return all results from the database.
- The final application has two versions, both of which allowed me to explore **ASP.NET** further. One of the versions was created using **Razor Pages**, whilst the other was created using **MVC**.
- **Link to project:** <https://zlatoto11.github.io/portfolio-website/#/portfolio-website/BookDatabaseNetCore>

More projects available at: <http://zlatkosev.me/>

## **EXPERIENCE**

---

### **SELSTON LEISURE CENTRE**

Selston

**Operations Associate**

Aug 2014 - Present

- Responsible for the organisation and management of company events. Ensuring all events are set up correctly and on time as well as meeting any other customer demands.
- Maintaining an accurate accounting of daily sales including the processing of memberships both through the system and through physical paper copies.
- Taking on the role of team leader, by managing a team of employees in order to ensure the centre achieves its aims and matches the expectations of all customers.
- In charge of recording and updating booking information. As well as ensuring the center maintains working order when system malfunctions occurred.
- First aid qualified. Trusted with the responsibility to run the centre independently when needed.

## **HOBBIES AND INTERESTS**

---

- In my spare time I have taken classes to become a qualified badminton trainer. This has allowed me to lead classes during the weekends where I teach up to 10 children between the ages of 11-16. This has allowed me to develop my leadership abilities further as well as deal with unexpected situations and manage them effectively.
- I have also helped promote activity to the local community by leading classes in schools and at organised events. This primarily involved communicating with people and recommending activity to them based on their physical ability.
- I also have a general interest in fitness, primarily taking part in Brazilian Jiu-Jitsu both in university and Nottingham MMA whilst weightlifting and running in my spare time.
- Taking part in physical challenges regularly such as endurance competitions like Tough-Mudder has allowed me to improve my ability to perform under pressure as well as handle unexpected short-comings. Furthermore it has helped me develop a discipline to carry out work regardless of any circumstance.
- I have an interest in multimedia creation/learning. This includes using Photoshop to further enhance current images as well as using Blender in order to create models for games.

## **LANGUAGE SKILLS**

---

- **English:** Fluent
- **Bulgarian:** Native Tongue

## **REFERENCES**

---

**EMILY WILLIAMS, GENERAL MANAGER**

SELSTON LEISURE CENTRE

*Selston Leisure Centre, Chapel Rd, Selston, Nottingham NG16 6BW*

*Tel: +44 7885 300418 || Email: [emily.williams@twocountiesleisure.co.uk](mailto:emily.williams@twocountiesleisure.co.uk)*