**Bren Dempsey**

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**PROFILE**

Industrious and ambitious person with a strong interest in IT. Currently undertaking a BSc in Computing with Software Development where I am developing strong analytical & problem solving skills in particular relation to Computer Software. I am very interested in and very much enjoying the programme to date. My goal is to obtain a BSc with first class merits where I am already on track for a **1:1** resulting grade. This will enable me to successfully position myself in a Software Development role within the IT Industry.

**EDUCATION & TRAINING**

**Sept. 2015 – Present Institute of Technology Tallaght, Dublin 24**

Current GPA:  *BSc. (Hons) Computing w/Software Development*

**[3.67/4.0]**

* Please see Appendix section at the end of this document for ALL results to date

**May 2015 – Aug. 2015 Baldoyle Industrial Estate, Killester, Dublin 13**

*Digital Photography Course with Adobe Photoshop*

* Certified Skills in Adobe Photoshop

**Sept. 2013 – May 2015 Crumlin College, Crumlin Road, Dublin 12**

Succeeding with:  *Computer Networks & Software Systems*

**12 Distinctions**

**2 Merits**

* Computer Programming – Java / Visual Basic
* System Maintenance - Hardware & Software
* Building Peer-to-Peer Networks
* Data Communications
* Database – MS Access

**EXPERIENCE**

IT Technician & Entertainer

**June 2017 – Present Selfie-Box Ireland**

* Operating/Optimising Hardware & Software technologies
* Dealing with customers in a busy club environment
* Responsible for creating a suitable atmosphere depending on the function

PC Technician Volunteer

**Oct. 2013 – Nov. 2013 Camara Education, Chapelizod Ind. Estate, Dublin 20**

* Modifying & restoring Computer Hardware/Software for re-use in disadvantaged countries around the world
* Wiping & installing of multiple Operating Systems
* Problem solving with Computer related issues
* Building and dismantling of PCs

ECDL Course Facilitator

**May – Sept. 2013 Open Learning Centre, Crumlin College, Dublin 12**

* Booking and registration of new clients
* Assisting clients with their Computer training
* Handling and balancing cash



**ACHIEVEMENTS & INTERESTS**

Originally a musician, I also have a passion and love for performing and composing music. I have spent many years in the music industry where I have been lucky enough to tour many parts of the world as a band member. I live an athletic lifestyle in which I enjoy running, playing football and boxing to keep fit. I take part in regular runs for charity and recently completed a half-marathon. I am currently learning Spanish to boost my personal development skills while completing a C++ Programming Language App this summer was preparation for Semester 5 studies. I also have a keen interest in Astronomy, Science & Technology.

**PROJECT SCOPE**

**Year 2 Project** - Actively and successfully involved in a 4-man team where analysing, designing & implementing a CRUD web-based application using Java Play Framework was the final goal. Technologies used include: **Java** (**OO** Approach) / **HTML** / **CSS** / **UML** using IBM Rational Rhapsody & **Scala**. **[A]**

**Database Design –** Played an important role in a team of 3 where a complete cinema database system was designed from scratch. Project involved the use of various **UML** techniques along with extensive **SQL** design & programming methods using **Oracle (**RDBMS). **[A]**

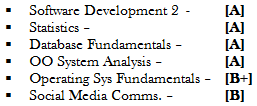
**Discrete Mathematics** – Faced with the challenge of deciphering an encrypted message using Mod 26 Arithmetic and the concentration of which letters of the Alphabet most commonly occur, I successfully decrypted the message within 1 hour of it being issued. The timeframe for completion of this task was 2 months. **[100/100]**

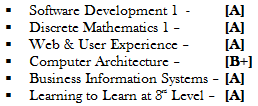
**Own-Time Activities** – Presently, at the analysis phase of the Software Development life-cycle where gathering all the information for a **Sports Club Application** will ultimately determine the artefacts of the System. Constructed a **CLI** **System Batch File** that will service any Windows OS when executed in C: Drive. Daily user of **Logic** & **Mathematical** app-based exercises.

**APPENDIX -** *Results to date…*

**Year 1 2015/16 -** GPA**:**

**[3.83 / 4.0]**





**Year 2 2016/17 -** GPA**:**

**[3.67 / 4.0]**

