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Lauren Bannon

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Full Clean Drivers Licence

**GitHub** | github.com/Lbannon98

**Profile:**

* Final year Computing student specialising in Software Development, on track for a minimum 2:1.
* 6 months experience in Software Development as an Intern at Zendesk.
* 10 months experience as an Office Administration in a Bathroom Showroom (Family Business).
* 9 months experience in customer service in the Adventure Zone at Tayto Park.
* Awarded listing on the Dean’s Honour List for the academic year of 2018/2019.
* Am competitive and have represented NCI in the Intervarsity’s Pool Competition with the Pool Club multiple times, as well as individually trialled for the Irish Woman’s Pool Team.

**Education:**

**09.16 – 04.20**  **National College of Ireland, Dublin** | ncirl.ie

BSc (Hons) Computing

**Modules:** Computer Architecture, Operating Systems, Digital Multimedia, Object Oriented Programming, Fundamentals of Business Analysis, IT Project Management, Data Structures, Business Entrepreneurship, Software Engineering, Web Design/Web Application Development, Data Communications & Networking, Interdisciplinary Team Project, Advanced Databases, Advanced Programming, Advanced Internet Technologies, Team Project, Wireless Networking, Multimedia & Mobile Application Development, Data Application Development, Introduction to Artificial Intelligence, Strategic Management, Web Services and API Development

**Final Year Project (In-Progress):** Developing an iOS application for visually impaired students which converts text file content to audio. The file selection is done through access to the native ‘Files’ application on the device. Speech recognition will be implemented to allow the student to speak the command into the device and have actions executed. The text to audio conversion will be done by Google’s Text-to-Speech API, with multiple options of accents and genders.

**Technologies used:** Swift, Google’s Text-to-Speech API, Apple’s Speech Recognition API, Firebase Storage.

**Multimedia & Mobile Application Development Project:** Developed an Android Mobile Application that displays meals that have been stored in a Firebase database. The user will create an account/login, and they will be led to the home page that has all the meals displayed. The user can select a meal and then open the URL, which leads to the recipe and ingredients of the selected meal. The user also has the ability to favourite a meal which will be saved in the database, as well as removing from favourites which will delete the meal from the database. This Android Application was developed using Android Studio.

**Technologies used:** Java, Firebase, Picasso.

**Interdisciplinary Team Project:** Developed a Web Application that assists students in deciding how to spend their spare time by putting the budget, location and event type into a search engine and it displays results on a map, relative to the chosen details. The user must create an account/log in which is done through Firebase. A Google Maps API was used to display the results on the map. This Web Application was developed with Cloud9, the cloud-based collaborative software.

The URL for the Web Application: <http://bored.gearhostpreview.com/>

**Technologies used:** HTML, CSS, JavaScript, JQuery, JSON, API, Firebase, Fusion Tables.

**Web Design Project:** Developed a website for a Bathroom Showroom Company. This project exposed me to many different web development languages such as; HTML, CSS, JavaScript, and frameworks like Twitter Bootstrap. Throughout the process of developing the website my skills were enhanced. The JavaScript skills gained were essential for understanding Java as it has a similar function and syntax. This was developed using Notepad++.

**Technologies used:** HTML, CSS, JavaScript.

*Projects available on GitHub*

**05.16:**  **Ashbourne Community School,** Meath

Leaving Certificate (420 Points)

**Technology Skills:**

* **Java:** Studied Java since 1st year and have achieved good grades in all relative modules. Development of programs/applications have been done through NetBeans IDE and Android Studio.
* **Swift:** Gained knowledge on this iOS Development language while on my placement in Zendesk where I developed new features, wrote UI and Unit Tests.
* **JavaScript:** Used JavaScript in many projects for developing dynamic web pages. Enjoy using this Scripting language and have also used it in conjunction with the Google’s Firebase Platform when developing my Team Project in second year.
* **HTML:** Studied Hypertext Markup Language since first year and have created many different websites and web applications throughout the years. Developed a low level website for the Web Design module in first year. Also developed a web application of a higher complexity in second year for the Team Project module.
* **XML:** Studied XML and XSL briefly in second year and have gained an understanding of how to use it and what it is used for.
* **Databases**: Studied Databases consistently, with modules from first to third year and have used Microsoft Access to develop a database for my Software Applications for Business module.
* **SQL**: Gained knowledge of SQL and developed databases by writing queries throughout the Database modules. MySQL Workbench was the software used to produce databases.

**Career History:**

**Relevant Experience:**

**02.19 – 08.19: Zendesk EMEA HQ**,Dublin

Software Engineer Intern

* Developed features for Zendesk Support application on the iOS platform, using Swift.
* Assisted mentor in the automation of iOS releases to the Apple App Store, using Fastlane. Ensured all aspects of the screenshots were localised to the appropriate region.
* Worked on a brand new project with mentor to develop an internally used component which stores UI Elements on the iOS platform. Worked on a Sample App to display all the UI elements within the component.
* Gained experience in UI and Integration Testing.

**Other Experience:**

**06.17 – 08.17/ 03.18 - 08.18: Tayto Park**, Meath

Park/Adventure Zone Assistant

* Operated and assisted the public onto the mechanical rides, in the children’s area.
* Harnessed and unharnessed the public on the Sky Walk.
* Dealt with customer queries and gave them assistance when needed.
* Completed both cash and Visa transactions in the Ticket Office.

**07.16 - 03.17/ 08.19 – 09.19: Divinity Tile & Bathrooms**, Meath

Office Administration – Part-time

* Contacted customers and suppliers by email and phone as well as dealing with customer queries.
* Dealt with the Accounts Package QuickBooks for the input, update and modification of invoices and account details of suppliers.
* Inputted products into the Stock management system.
* Created Excel Spreadsheets of various pricelists.
* Designed various advertisements for the SelfBuild events.
* Completed both cash and Visa transactions on a daily basis.

**REFEREES AVAILABLE UPON REQUEST**