

William Dunn Software Developer

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Education

Dominican University *River Forest*

2020

- Bachelor of Science with a Major in Computer Science

Skills

- Languages** • **Java, C#, Python, VB.NET, SQL, Bash, Lua, HTML, CSS, JavaScript, XAML, JSON, TypeScript, PHP**
- Technologies** • **Git, REST, Postman, Angular 2, jQuery, BootStrap, Xamarin, SpringBoot, .NET, MVC, MVVM, SQLServer, MongoDB, Node.js**
- Methodologies** • **Agile/Scrum, UX Design, Unit Testing, Version Control, OOP**

Projects

Ecommerce Website & Mobile App *Skyline Baskets*

19/20

Created site with Shopify and developed an accompanying app, with a team of 5, to find and view products with an emphasis on UX

- Full stack development w/ emphasis on product detail page, image features, and debugging

C# | Xamarin | MVVM | XAML | Shopify API | Jira | Azure DevOps

18/19

Manuscript Authorship System *Cognigen Corporation*

Web app, built with a team of 6, that streamlines gathering & formatting of names involved in research of a given drug to publish credits in a manuscript

- Full stack development w/ focus on backend account functionality, reset password page creation & functionality

Java | Spring Boot | Spring MVC | Node.js | Angular 2 | MongoDB | Postman | REST | JSON | Trello | GitLab

2018

Pinata Game

- Web app game created using the GDI+ graphics engine in .NET based on Google's 15th anniversary game
- <https://github.com/williamDunn/pinataGame>

C# .NET | Graphics

Professional Experience

Data Management *Master Spring & Wire Form Co.*

19/20

- Introduced and managed an online system that maximized consistency in manufacturing of parts
 - Documented setup processes and specifications in Dozuki using the guide creator tool and custom CSS
- Managed and organized data of parts and orders through JobBOSS

Programming Instructor *iD Tech*

2018

- Taught teens fundamental coding concepts through uniquely structured lesson plans using the Lua scripting language & game implementation

Undergraduate Coursework

- Programming I & II – Data Structures
- Algorithm Analysis and Design
- Systems Analysis and Design
- Operating Systems
- LAN Administration
- Database Design and Programming
- Windows Based Application Development
- Mobile Application Development
- Web Development I & II
- Game Development