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Justin R. Butler

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**EDUCATION**

**New Albany, IN Indiana University Southeast Fall 2015-Present**

* B.S. in Computer Science, Expected Fall 2019.
* Minor in Mathematics, Expected Spring 2018.
* Coursework: Software Engineering; Programming Languages; Computer Structures; Data Structures; Data Science; Analysis of Algorithms; Database Concepts; Artificial Intelligence

**LANGUAGES AND TECHNOLOGIES**

* C#; C++; Java; Python; SQL; F#(Prior Experience)
* .NET; Visual Studio; IntelliJ; Unity3D; Git

**WORK EXPERIENCE**

**Computer Science Tutor Indiana University Southeast Fall 2017-Present**

* Assist Students in their course work by providing insight into the problem or assignment.
* Work closely with professors to ensure students understand material and seek appropriate assistance.

**Produce Clerk Kroger March 2015-December 2017**

* Keep produce floor full, fresh, and clean.
* Apply the 3A’s (Acknowledge, Assist, and Appreciate) to all customers.
* Work well with team to effectively and efficiently accomplish tasks.

**ADDITIONAL EXPERIENCE**

**Leadership**

* High School Tech Club
* Boy Scouts of America

**Projects**

**Github.com/jb1361**

* **Open Angel Arena** (2017). Open source contribution to a mod for the game called Dota 2. (github.com/OpenAngelArena)
* **Kattis** (Ongoing). Tackle programming problems from previous ACM contests. Python; C++
* **ShootingForA** (2017). Top down shooter style game made in Unity3D. C#.NET (Unity API)
* **Third person camera system** (2016)**.** A complete package on the Unity3D asset store that allows you to easily implement a third person camera system for the player. C#.NET

**Research**

* **RS3 GE Prediction Model** (2017). I developed a model that predicts future prices of items in a game by collecting three months of data and running a linear regression algorithm to produce price predictions.

**HONORS/ACTIVITIES**

* Member of Association Computing Machinery (Participated in the 2017 ACM Competition)
* Dean’s list
* Treasurer for Computer Security Group