**Alexander Cain Flinchum**

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**PROFESSIONAL EXPERIENCE**

**General Motors** **Austin, TX**

*Software Developer – Manufacturing Development / Tester – Surada Test & Development* July 2019 – Present

* Functioned as a key point of contact for testing progress and delivery dates for project deployments
* Developed automated test cases using TFS, C#, Java, and SQL to run through the functionality of API calls
* Collaborated with a diverse development team across the technology stack in order to create an interactive web framework powered by Angular designed to keep track of complex manufacturing data and analytics
* Led development and maintained ownership of a web-based tool used in processing files, consisting of Angular

# Selected Project Experience

* Indepth Lite – *App Owner* February 2020
  + Resolved a web-based issues with the user interface in order to allow both users and developers to process files for the main Indepth site consisting of Angular
  + Updated the sites Angular code to the most current version at the time of installment, fixing any bugs or irregularities that arose as a result of the update
* Production Bug Analysis - *Team Lead* October 2022
  + Collaborated with developers in order to gather and keep track of information on bugs found in the production environment
  + Tracked the progress of and led other team members who gathered information on bugs found in other team projects

**Nonprofit Clinic Serve IT** **Bloomington, IN**

*Team Lead* August 2018 – May 2019

* Led a team of developers in the creation of a web application for self-guided tours of the City of Bloomington
* Delivered a functional website application to Monroe County and the Bloomington Symphony Orchestra
* Derived web application solutions using the Laravel framework, with PHP, HTML, CSS and a MapBox plugin

**Rolls-Royce** **Indianapolis, IN**

*Information Technology Intern* June 2018 – August 2018

* Managed a project that addressed the top employee complaints by creating interactive floor plans allowing team members to easily locate printers and download print drivers
* Created user guide documents for employees to use software, such as Outlook and Lync

**EDUCATION**

**Indiana University Bloomington, IN**

*Bachelor of Science in Informatics, minor in Computer Science (Cognate in Game Design)* May 2019

* **GPA:** 3.79 / 4.00; Graduated with Distinction
* **Relevant Coursework:** Application Development, Data Structures, Discrete Structures for CSCI, Intro to Computer Science, Introduction to Programming I, Information Representation, Math Foundations of Informatics, Calculus I (Austin Community College, May 2022)
* **Activities:** Serve IT

**AWARDS & ACHIEVEMENTS**

* Indiana University School of Informatics and Computing – Dean’s List Honors June 2017
* Indiana University Founders Scholar – 3-time Recipient (2016, 2017 and 2018) March 2018
* National Society of Collegiate Scholars June 2016
* Hutton Honors College – Inductee February 2016

**TECHNICAL SKILLS**

**Languages:** Java, Python 3, Racket, C# | **Web Development:** JavaScript, HTML, CSS, PHP, Angular

**Databases:** SQL, Microsoft Access|  **Other:** WordPress, GitHub, TFS

**ADDITIONAL INFORMATION**

**Community Service:** White River Christian Church, Gleaners Food Bank of Indiana

**Interests:** Game Development, Software Design, Kickboxing, Bouldering