CharlesJ Bangert Jr

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Cjbangert.com

**EDUCATION:**

***University of Maryland | College Park, MD Graduated: May 2020***

B.S in Computer Science and a Minor in Technology Entrepreneurship

* Hinman CEOs Program: 2-year Living-Learning program intended to develop business leadership skills, particularly dealing with startups
* Public Leadership Scholars Citation: 2-year program aimed at developing leadership/project management skills, along with Public Policy coursework. Culminated in a capstone: led a small oyster restoration project
* Dean’s List Spring 2019, Spring 2020

**PROFESSIONAL EXPERIENCE:**

***M&T Bank | Remote/Wilmington, DE Summer 2020 - present***

TDP Software Engineer

* Collaborated with product owner to architect and implement a Risk Scoring application (Python, Flask, SQL Server, C#, Javascript and .NET) to assign numerical risk scores to outgoing wire transactions.
  + Designed as a solution for the business to mitigate loss due to fraud
  + Eventually this score may be used to reconfigure the entire wire routing/approval process
* Migrated source code to Gitlab from TFS and led CI/CD initiative for AGILE team
* AGILE team received recognition from senior management as a top performing team in Technology
* Provided production support for multibillion dollar Wire/Check/ACH transfers
* Managed administrative responsibilities for rotational program dealing with campus recruiting
* Designed new design-oriented technical interview questions for 2nd round technical interviews

***GP Strategies/John Deere | Columbia, Maryland Summer 2019***

Contract Software Engineer

* Charged with developing and maintaining the Integration Test suite (Java with Spring libraries, Apache Maven, Gherkin) for the John Deere Custom Performance (JDCP) platform, spanning over 80 REST Microservices
* Identified and fixed issues pertaining to global system integration

***Triangle Experience Group | Arlington, Virginia*** ***Summer 2018***

Software Engineering Intern

* Implemented mitigations in the source code (in C) for vulnerabilities exposed by the HP Fortify scan.
* Achieved ahead of schedule and within the first month of my start date.

**TECHNICAL SKILLS:**

***Programming Languages***

* Java, Python, C, Ruby, Javascript, SQL, C#, MATLAB, C++, HTML, CSS, R

***Frameworks, Tools and Technologies:***

* .NET, SQL Server, Flask, Spring, Linux/Unix Operating Systems, IBM DB2, MongoDB, Gherkin, Git, Node.js, Express.js, Ajax, jQuery, Underscore.js, Android SDK, Gitlab, Jupyter Notebook

***Other Skills***

* Extensive coursework in Machine Learning, Computer Vision, and Bioinformatic Algorithms
* Proficient with REST API’s
* Experience with Web Scraping, Data Tidying, Modeling, and Analysis
* Strong command of Object-Oriented Programming and Design principals
* Currently learning about Docker, Kubernetes, and OpenShift on Pluralsight

**LEADERSHIP/VOLUNTEER EXPERIENCE:   
*Treasurer, IJM UMD* *November 2018 – Fall 2019***

* Responsible for helping plan and ensure funding for events to combat human trafficking locally within Prince George’s County and internationally

***Corporate Mentor/Guest Instructor, UMD Summer Guild August 2021***

* Mentored incoming UMD freshman who are exploring tech careers and taught about user-centered design