

## 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
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## 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 calculate numerical risk scores to outgoing wire transactions
- Migrated source code to Gitlab from TFS and led CI/CD initiative for AGILE team
- Provided production support for multibillion dollar Wire/Check/ACH transfers
- Managed administrative responsibilities for rotational program dealing with campus recruiting
- Integrated and warehoused financial data from various data firms in new Collective Investment Trust application in a fault tolerant manner (.Net Core, SQL Server, RedHat Openshift, Steeloe Hystrix)
- Managed relationships with domestic and international vendors for integration support

*Uptahr LLC - Paradigm LABS / Remote*

*Sept-Oct 2021*

Software Engineer Consultant

- Rapidly collected requirements, architected, and built backend services for LABS platform MVP in 3 weeks (Django, GraphQL, PostgreSQL, React, AWS)

*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.
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## TECHNICAL SKILLS:

*Programming Languages*

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

*Frameworks, Tools and Technologies:*

- .NET Core, SQL Server, Flask, Django, PostgreSQL, React, Angular, Spring, Linux/Unix Operating Systems, IBM DB2, MongoDB, GraphQL, RedHat Openshift, Gherkin, Kibana, 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
  - Experience with Web Scraping, Data Tidying, Modeling, and Analysis
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## 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