David Corcoran

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EDUCATION

Virginia Polytechnic and State University (Virginia Tech), Blacksburg, Virginia   Graduation Date: May 2022

Bachelor of Science in Business:

- Business Information Technology (BIT) - Computer Decision Support Systems
- Finance - Investment Management and Chartered Financial Analyst

Minor in Economics

BIT In-Major GPA: 3.98 | FIN In-Major GPA: 3.58 | Overall GPA: 3.77

WORK EXPERIENCE

KPMG, McLean, Virginia   July 2022 – Present

Federal Technology Risk Management Associate

- Obtained a DOD issued secret level clearance expiring in 2032
- Assisted in the creation of a strategy document guiding a DOD government agency through segregation of duties, identity credentialing and access management (ICAM), zero-trust, least privilege, emergency access management, and other access control topics
- Performed research on IT controls to better understand the client's IT environment and governance structure
- Visited client sites to walkthrough, test, and correct IT controls
- Supported a government agency in their IT system audit readiness goals
- Placed 3rd in KPMG's Health Equity Hackathon, gaining experience using Microsoft Power BI

TIC Summer Camp, McLean, Virginia   June 2021 – August 2021

Programming Counselor

- Served as an educator, teaching Scratch 3 to children ages 7-11 and Python programming in Processing 3 to children ages 12-18

Giant Food, LLC, McLean, Virginia   June 2019 – August 2019

Cashier

PROJECTS

Workplace Optimization Program, Advanced Business Computing and Applications (BIT 3444)

- Built an optimization program in VB.NET, an object-oriented coding language, using Visual Studio 2019
- Optimized worker efficiency of a list of employees based on wage, job position, and weekly hour constraints, all displayed on an accessible graphical user interface

"HokieHub" Food Delivery Service Website, Web-Based Decision Support Systems (BIT 4444)

- Tasked with creating a database-driven "review management" module for a fictional food delivery service website and integrating it with other team member's sections of the project
- Created 9 webpages using HTML, CSS, PHP, MySQL, D3.js, Ajax, JavaScript, and Bootstrap, all focused on user review creation, modification, and analysis

Singapore Management University Course Management System, BIT Seminar in IT (BIT 4454)

- Worked with a team of 8 to create a website for students and professors to manage their enrollment in courses
- Worked in a semester-long agile development environment that included 3 sprints separated into design and implementation phases
- Took on the role of a requirements analyst responsible for creating user stories, requirements definition documents, test cases and testing plans, and working with the UI/UX lead to design each webpage
- Utilized Selenium IDE during each sprint's implementation phase to test webpages against their requirements

SKILLS

Programming: Python, Microsoft Visual Basic for Applications (VBA), VB.NET, SQL, HTML, CSS, PHP, Selenium, Bootstrap

Finance: Financial Modeling in Excel, TVM, Bond Valuation, Analysis of Financial Statements, Option Pricing & Strategy, CAPM, FX Markets

Data Visualization: Microsoft Power BI, Simio, Visual Paradigm

Miscellaneous: Basic German Language Understanding, Microsoft Access, Deltek Costpoint

HONORS

Virginia Tech Dean's List (7 Semesters)   Fall 2018 – Spring 2022

KPMG Health Equity Hackathon – 3rd Place   March 2023