

David Corcoran

703-674-8110 | dcorcoran@vt.edu | <https://www.linkedin.com/in/david-corcoran-70677917a/> | <https://github.com/dcorcoran7>

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
- Economics Minor

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 government agency through segregation of duties, identity credentialing and access management (ICAM), zero-trust, least privilege, emergency access management, and other access control topics
- Supported a government agency in their IT system audit readiness goals by visited client sites across the United States to walkthrough, test, and document warehouse IT controls
- Conducted virtual and in-person walkthroughs with government personnel to better understand the IT environment and accounting policy being evaluated
- Submitted a corrective action plan downgrade package for a particular IT process, consisting of an end-to-end process document, control gap analysis, posting logic assessment, risk and control matrix, and responsibility-accountability matrix.
- 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

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 employee staffing assignments 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 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, Tableau

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

March 2023

KPMG Culture Catalyst and Mentor

April 2024