David Ferrufino
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Education

Computer Science, Post-baccalaureate undergraduate certificate May 2023
Virginia Commonwealth University GPA: 3.46/ 4.0

Accounting, Bachelor of Science May 2020
Virginia Commonwealth University GPA: 3.50/ 4.0

Skills

- **Programming Languages**: Python, Java, C, MySQL, C#, Bash, Kotlin
- **Software**: Docker, Linux, Shell, Unity, Blender, vim, Git
- **Relevant Coursework**: Data Structures and Algorithms, Intro to Natural Language Processing, Algorithm Analysis, Computer Organization

Activities

Treasurer | *Linux User Group at VCU*   08/2022 - 05/2023
- Created a yearly budget for club events & submitted invoices for reimbursement for payments

Member | *VCU CS Student Advisory Board*   01/2022 - 05/2023
- Served as a point of contact between students and professors
- Planned and volunteered at University Open House events

Service Activities Director | *Beta Alpha Psi (Accounting Honor Society)*   08/2019 - 05/2020
- Set up and coordinated volunteer events for members of honor society

Work Experience

Undergraduate Research Assistant | *Virginia Commonwealth University*   04/2022-Present
- Created C# scripts in order to gather data from Varjo headsets for VR Based Experiment
- Created assets in Blender for Unity environments
- Developed a VR study environment for experiments to try to improve user focus
- Proctored experiments which consisted of users studying in the VR environment + a 30 minute Q/A session afterwards

Teaching Assistant + Grader | *Virginia Commonwealth University*   08/2022 - 05/2023
- Helped students with Computer Science projects in Intro to Computer Science and Data Structures and Algorithms classes
- Maintained TA Hours where students could join and receive help for their coursework
- Helped students with their in class projects
- Graded students quizzes for CMSC 302 (Intro to Discrete Structures)

Internal Auditor | *VCU Health*   06/2020 - 01/2021
- Traced assets/accounts from Enterprise Resource Planning software to actual locations
- Audited internal controls to ensure that patients were being billed accurately and time
- Ensured that billing by departments was accurate and free of errors by analyzing invoices and tracing values/signatures to their respective signee

Auditing Intern | *Deloitte & Touche*   05/2020 - 07/2020
- Internship consisted of Financial Statement audit simulations

Corporate Accounting Intern | *Advanced Micro Devices*   05/2019 - 08/2019
- Gathered and Prepared support for 10-Q Financial Statement
- Analyzed Operating Lease figures to ensure they followed the ASC 842 GAAP standard
- Created financial summarizes to be viewed by executives
- Pulled required documentation for Enterprise Resource Planning software for figures on 8-K and 10-Q Financial Documents