

EDUCATION

University of Colorado Boulder - Leeds School of Business

May 2023

Bachelor of Science in Business Administration with a quadruple emphasis in Finance, Business Analytics, and Information Management, and Computer Science Integration - Graduated with High Distinction

Cumulative GPA 3.95 | *Dean's List* (All Semesters)

- **Relevant CS Courses:** Intro. To Programming, Data Structures, Computer Systems, Information Management and Analytics, Discrete Structures, Business Data Management, Intro. to Python, Database Systems, Software Development Methods and Tools, Object-Oriented Analysis/Design, Principles of Programming Languages, Low-Code for Citizen Developers
- **Relevant Business Courses:** Statistical Analysis in Business, Mathematical Analysis in Business, Fundamentals of Financial Analysis, Investment and Portfolio Management, Derivative Securities, Enterprise Technology, Project Management, Decision Analytics / Customer / Business Analytics
- **Leeds Honors Program:** Selected for a challenging and academic focused honors business program which provides rigorous coursework, extracurricular programming, and personalized advising from industry experienced professionals

WORK EXPERIENCE

KPMG US - Full-Time New York, NY

July 2023 - Present

Software Engineer, Development, Tax

- Developed full-stack solutions (Angular, ASP.NET, PostgreSQL) on a 26-person global team with members in Germany, India, and Poland, delivering transfer pricing automation used by 1,000+ clients worldwide.
- Led U.S. sub-team (5 engineers), mentoring and onboarding new members, conducting code reviews, allocating work, and directing feature development to ensure timely delivery and high-quality implementation.
- Spearheaded development of a next-gen application that reduced report generation time from 4 hours to 15 minutes; automation now saves users thousands of hours annually by eliminating manual edits to 1,000-page documents.
- Designed and shipped 10+ high-impact features, including multicurrency support, conditional report rendering engines, audit trails, advanced Angular UI grids and dashboards, Excel import/transformation pipelines, background job calculation engines, integration of enterprise AI into rich text workflows, and APIs for third-party consumption (Power BI and other applications).
- Deployed and maintained applications in Azure-hosted environments, including CI/CD pipeline design, release automation/management, and monitoring solutions for high availability and scalability.
- Collaborated directly with product owners and business analysts to clarify requirements; frequently bridge the gap between business needs and technical execution

KPMG US - Intern, Denver, CO

June 2022 - August 2022

Tax Intern, Digital Transformation (Software Engineering)

- Developed front- and back-end features with Angular, ASP.NET Core, and SQL Server, including APIs and SharePoint integrations, while collaborating on Azure DevOps pipelines and cloud-hosted deployments.

LEADERSHIP AND ACTIVITIES

Information Management Teaching Assistant, Boulder, CO

August 2021 - May 2023

TA

- Selected to serve as a TA based on top performance in Information Management coursework
- Supported students in mastering data analysis tools and machine learning concepts using DataRobot

Leeds Mentoring Program, Boulder, CO

August 2019 - May 2023

Peer-to-Peer Mentor

- Mentored 5 incoming freshmen, providing guidance and support to ease their transition into the Leeds School of Business
- Collaborated with mentees to set academic goals and supported them in achieving those objectives throughout the school year

SKILLS AND CERTIFICATIONS

- **Frontend Development:** Next.js, React, Angular, HTML, Tailwind, CSS, SCSS, TypeScript, Vite, Shadcn, RxJS, CkEditor
- **Backend Development:** Express.js, Node.js, ASP.NET Core, C#, Dapper, SignalR, Hangfire, Mediatr, FluentValidation, Swagger, Aspose, Integration and Unit Testing, Fluent Assertions
- **Database Technologies:** PostgreSQL (with JSONB), SQL, Entity Framework Core, Node PG Migrate, Alteryx
- **DevOps & Tooling:** Microsoft Azure DevOps (CI/CD, Pipelines, Releases, Boards), Git, GitHub, Vercel, Neon, Railway, Firebase
- **Productivity Tools:** Obsidian, Excalidraw, Excel, Word, Outlook
- **Other Programming Languages:** C, C++, Python
- **Certifications:** Alteryx Designer Core Certification, Microsoft Certified: Azure Fundamentals (AZ-900)