

Cole W. Bryant

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EDUCATION

University of Chicago (Chicago, IL): *MS, Computer Science* *Expected December 2021*

- GPA: 3.9/4.0, Relevant Coursework: Python Programming, Discrete Mathematics, Algorithms

Vanderbilt University (Nashville, TN): *BA, Economics* *Graduated May 2016*

- GPA: 3.5/4.0, Dean's List; Minors: Financial Economics, Corporate Strategy, History

PROFESSIONAL EXPERIENCE

InfoWorks, Inc. (Nashville, TN) May 2019-July 2020

Technical Consultant

- Developed and deployed enhanced enrollment application search functionality for major Medicare company's public-facing website in VB.NET
- Developed and deployed SQL stored procedure-based business logic infrastructure for a live manufacturing execution system which provided improved product traceability and quality control for a Fortune 200 manufacturer
- Coded, tested, and debugged features within JavaScript desktop and mobile environments
- Engaged in daily scrum ceremonies and testing processes on a dynamic development team

Nashville Software School (Nashville, TN) November 2018-May 2019

Full-Stack Web Developer - Bootcamp

- Apprenticed in full-stack web development as part of a 6-month coding bootcamp, covering JavaScript, React, C# / .NET Core, .NET MVC, APIs, and SQL databases
- Built front-end and full-stack applications individually and in simulated Agile environments

VMG Health (Nashville, TN) May 2016-October 2018

Valuation Analyst

- Modeled financial, productivity, and medical CPT code data in Excel to financially value 150+ professional services arrangements in the healthcare industry
- Commonly managed 10-15 time-sensitive engagements simultaneously, contributing to one of the most profitable teams in the company service line in 2017
- Effectively communicated data needs and presented valuation findings to C-suite level clients, lawyers, and physicians
- Researched healthcare industry dynamics including policy changes and emerging trends for informing analyses and presenting to the firm

PERSONAL PROJECTS

- **Vanderbilt Trauma Research Project:** Collaborated with Vanderbilt medical students to compile and analyze research data with Python/Pandas to help improve Critical Care management of Traumatic Brain Injury patients (Source: github.com/colebryant/vandy-trauma-project)
- **MixMate:** A mobile-first web application for discovering and managing cocktail recipes. Built with ReactJS framework, Auth.0 login/registration and Bulma CSS for styling (Source: github.com/colebryant/mixmate)
- **LeagueDash:** A desktop web app created to assist in the organization, tracking, and management of a recreational soccer league. Built with C# Entity Framework, Razor Pages and SQL Server (Source: github.com/colebryant/leaguedash)

SKILLS

Programming Languages: Python, C#, SQL, JavaScript, HTML/CSS

Frameworks/Libraries: React, Pandas, NumPy, .NET Core, jQuery, Bootstrap

Software/Tools: Visual Studio, SQL Server, Azure DevOps, Git, Postman, Microsoft Suite, Adobe XD

Other: Data Cleaning and Analysis, Financial Modeling, Market Research, Project Management, Client Relationships and Communication