

# Education

Master of Business Administration  
Vanderbilt University - Owen Graduate School of Management

- Concentration in Finance

Bachelor of Engineering  
Vanderbilt University - School of Engineering

- Double major in Computer Science and Electrical Engineering

## Recent and Notable Professional Training Classes

- Designing and Implementing a Microsoft Azure AI Solution
- Designing a Microsoft Azure Data Solution
- Implementing a Microsoft Azure Data Solution
- Leading SAFe (Scaled Agile Framework)
- Pragmatic Marketing Practical Product Management
- Cooper Professional Education Interaction Design Practicum

# Skills

## Languages, Platforms & Tools

Time Frame ► ▼ Proficiency	Current	Recent	Past
Expert	Azure PowerShell Scripting JavaScript/HTML/CSS	R Shiny	Microsoft Access
High	Bash Shell Scripting Hadoop Linux MacOS Python Vue.js	Hive R Language	C#.NET
Medium	Apache Spark Cassandra Firebase Java MongoDB Terraform	Apache Pig	Delphi (Pascal) Microsoft SQL Server Objective-C and Cocoa API Oracle Visual Basic.NET
Novice	Scala	Amazon Web Services	

## Expertise

Time Frame ► ▼ Proficiency	Current	Recent	Past
Highly Proficient	Data pipeline engineering in support of AI and machine learning Microsoft Azure Networking	Geolocation, geofencing, and journey tracking	Corporate law department operations and finance
Proficient	Closed-loop feedback for machine learning models	Product management Interaction design	
Competent			
Basic	AI / machine learning model design	Bayesian networks	

# Publications

- [Why you need to be a Product Manager \(in addition to all your other responsibilities\)](#)  
Everyone in a company has customers, even those whose jobs aren't directly customer-

facing, and can better meet their stakeholders' needs by applying product management techniques that have been proven effective in software and other technology companies.

- [Introduction to Bayesian Networks Part 1: Theory and Algorithms](#)

I wrote this paper when I was grokking Bayesian Networks. The best way to learn something is to try to teach someone else.

- **Azure Recipes**

Series of AT&T internal articles that provide step-by-step instructions for creating Microsoft Azure network connections using Private Link and Bastion resources.

## Code

Most of my recent code is the intellectual property of my current employer and can't be shared. But here are a few little open source projects that exemplify the quality and style of the code I write.

- [fo-sticky-note](#) A Vue.js component that provides a full-featured sticky note control, bundled into a single ES6 file using rollup.js.
- [fo-markdown-note](#) A Vue.js component that provides a Markdown editor for inclusion in a Vue.js project. It is a thin wrapper around the SimpleMDE JavaScript control.
- [fo-gridstack-organizer](#) A Vue.js component that is a wrapper around the gridstack.js jQuery plugin.

## Certifications



**Microsoft Certified:**  
**Azure AI Engineer**



**Microsoft Certified:**  
**Azure Fundamentals**