

8404 Glaser Ln
Louisville, KY 40291

June 24, 2024

CyberCoders
La Grange, KY

To whom it may concern,

I am writing in application to the position of junior business software engineer at CyberCoders. In what follows, I'll explain how my background in object-oriented programming, data analysis, and DevOps development would contribute to working with your team in La Grange.

I currently work as a full-stack C# .NET developer on the DevOps application team for Waystar, a health care solutions company that automates connecting patient and insurance provider information for hospitals. In my current role on the DevOps team, I've pioneered refactoring and converting several .NET framework services into containerized .NET core apps running in Docker, led training on using YAML for Azure DevOps pipeline configuration, and set up around 20 team projects in Azure DevOps server, for which I also contributed to and streamlined the documentation. In my previous role on the architecture team, I contributed to a company-wide .NET framework testing application for new prospective employees. In that role, I improved our web layout for smaller screens using Flexbox, CSS Grid, and media queries, wrote Ajax requests to send and receive data from our backend servers, and brought our HTML code in line with semantic HTML standards. On the back-end, I normalized SQL databases, modeled different business domains in both SQL database tables and C# classes mapped to these via the Entity Framework ORM, and performed queries in both SQL and LINQ.

I hold a PhD in philosophy, specializing in logic, and a doctoral certificate in medieval studies from Fordham University, the latter of which was a cross-disciplinary program involving coursework in theology, history, and Latin palaeography outside in addition to my main course of study. My [dissertation](#) traced the earliest development of the concept of formal consequence in late medieval logic, demanding broad knowledge of the history of philosophy, of medieval Latin, and of semantics for classical and non-classical logics as well as expertise with translating between natural and formal languages. Since 2014 I have published an [edited volume](#) and [numerous journal articles](#) and [book contributions](#) in ontology, the philosophy of logic, and the history of science, and presented papers introducing new results in logic, semantics, and medieval philosophy across three continents. This background has provided me with a deep knowledge of the principles behind functional programming, recursion, database normaliza-

tion, and other fundamental programming concepts upon which to build in my programming work.

Prior to my current position, I taught metaphysics, Latin, and classical political theory at Highlands Latin School, an advanced classical high school in Louisville, Kentucky. In Latin, I instructed capable middle-school students in translating both to and from Latin at a level higher than that I initially received in my first two years of college Latin, with text assignments principally focused on Caesar. My Latin classes incorporated daily lessons in Latin syntax, and drew on recent research in Latin phonology and philology to help clarify features such as perceived irregularities in noun declensions. My ontology teaching focused on categories of being in Aristotle's *Metaphysics* and on the full reconstruction of multi-part textual arguments given only in enthymematic form in classic texts such as Plato's *Euthyphro* and Thomas Aquinas' *Summa Theologiae*. By year's end, I had led sophomores and juniors who began the academic year unable to explain how the word 'therefore' linked what preceded it to what came after it to write work at a level that I only began to see among my peers in graduate school.

The above skills answer directly to the need for both abstract ability and concrete experience with databases, DevOps, and multiple programming languages that would benefit this position best. In addition to the above, I encourage you to take a look at my portfolio of nearly 200 projects at my [GitHub page](#). A copy of my resume with my contact information is prepended to this letter. Should you consider me for the junior business software engineer opening, I would be happy to hear from you.

Kind regards,

Jacob Archambault