

Ryan M. Rickgauer
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PROFESSIONAL EXPERIENCE

Premier International, Chicago, IL Software Engineer II

June 2020–Present

- Utilized dependency injection in existing software to decrease coupling between classes and their dependencies
- Implemented multi-threading solutions for our consulting applications which improved runtime performance
- Designed and built a multi-process message queue service using IPC
- Introduced domain driven design systems to improve maintainability in the future

Software Engineer I

- Assisted in our front-end migration from VB6 to .NET 5
- Designed and implemented an ODBC database connection manager in C++
- Converted multiple Intel Assembler pieces into C++
- Participated in multiple scrum sprint and epic tasks planning using Jira
- Created a new automated test stage for our CI/CD pipeline using python

PROJECT EXPERIENCE

What's Mine Is Yours

March 2021–Present

- Co-founded an online vacation rental marketplace
- Designed and developed modern full stack technology solutions for the platform
- Architected a restful back-end API using flask allowing future migrations of the web-based UI to other platforms
- Deployed and configured the application to run on a Linux VPS

EDUCATION AND HONORS

Bachelor of Science, Computer Science (May 2020)

Northern Illinois University, DeKalb, IL

SKILLS

Languages: C++, C#, Python, SQL, COBOL, HTML/CSS, JavaScript.

Frameworks/Libraries: .NET Core, C++/CLI, STL, Boost, Flask, Win32, DevExpress.

Tools/Technologies: Git, Jira, GitHub, Visual Studio, Teams Foundation Server, Confluence.