

Richard G. Morrill

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github.com/ThoolooExpress

Education

Fordham University, Bronx NY

B.S. in Computer Science Candidate (May 2020 Expected Graduation)

- GPA 3.9/3.0 (Major / Cumulative)
- Notable Computer Science Classes: Computer Science I & II (**C++**), Database Systems (**Python & SQL**), Data Structures, Computer Organization (**MIPS Assembly**)
- Classes In Progress: Algorithms, Operating Systems, Data Mining
- Other Notable Classes: Discrete Mathematics, Linear Algebra, Multivariable Calculus, Macro- & Microeconomics, Business Statistics

Internship

Volofin Capital Management, New York, NY

Full-Stack Development Intern (Summer 2019)

- Developed a specialized deal pipeline tracking tool from the ground up with **Angular**, **Bootstrap**, **Node.js**, and **MySQL**
- Revised the object-oriented structure of a business simulator written in **C#**, ported it to **.NET Core**, converted it from a console application to a **REST API**, and enabled simulator inputs and outputs to be stored in **MySQL**, using **EF Core**
- For both projects above, configured production environment using **Docker**, **Nginx**, and **LetsEncrypt**, enabled single-sign-on using **Azure AD**
- Participated in the hiring process of a full-time developer to take over the above projects upon my departure (conducted technical phone interviews)

US Embassy, Tegucigalpa, Honduras

INL Vetting Assistant (Summers of 2017 & 2018)

- Assigned to International Narcotics and Law Enforcement as part of summer hire program, to assist in the vetting of Honduran National Police personnel receiving US Assistance
- Dramatically decreased vetting case processing time by creating a new database and input forms which automated many tasks which had previously required manual attention using **Microsoft Access** and **VBA**. (Security concerns meant that only Microsoft Office products were available)

Volunteer

Fordham University Computer Science Society

Research Director (2019-2020 Academic Year)

- Elected by club members
- Conducted events aimed at educating and inspiring fellow computer science students

References Available Upon Request