

Tony Vu

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EDUCATION

METROPOLITAN STATE UNIVERSITY

BS COMPUTER SCIENCE

Anticipated: August 2021 | St. Paul, MN

Cum. GPA: 3.52 | Major GPA: 3.43

SKILLS

Backend: C# (.NET Core 3.1), PostgreSQL

Frontend: TypeScript (Angular), HTML, CSS, SASS, JavaScript, Bootstrap

Scripting: Python, Bash

Linux: Ubuntu

Misc: Git, Docker, Selenium

TECHNICAL PROJECTS

MCA DATA AUTOMATION SCRIPT

- Wrote a script utilizing C# and Selenium web driver to automate MCA data extraction from the Minnesota Department of Education website
- Increased team productivity by reducing hours spent manually updating internal MCA databases

LEARNING MANAGEMENT SYSTEM

- Developed a light-weight learning management system composed of Angular, C# .NET, and PostgreSQL
- Implemented role-based JWT authorization for secure HTTP calls, object relational mapping, and managed various states via NgRx, localStorage and cookies

WORK EXPERIENCE

NOVATION EDUCATION OPPORTUNITIES

SYSTEMS ANALYST (March 2018 - Present)

- Developed console applications utilizing C#, .NET Core, and Selenium to automate repetitive tasks where applicable
- Contributed to the UI design and implementation of the MN Charter Board Training and Development website — a federally funded project totaling more than \$500,000. In addition, applied CSS query selectors to style page elements in accordance with Section 508 Accessibility
- Managed over 20 MN charter schools' collective performance framework measures consisting of thousands of data-points utilizing data analytics tools such as Microsoft Excel
- Reviewed and approved hundreds of school documents and policies annually to ensure compliance with Chapter 124E. MN Charter School Statutes
- Communicated via in-person, phone, web conference, and email regularly with school directors and board members about school contract renewal information, performance framework statuses, and general IT assistance

REFERENCES

- Available upon request