TONY VU

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EDUCATION

Metropolitan State University, St. Paul, MN
B.S. Computer Science   **Anticipated Graduation: August 2021**
Cum. GPA: 3.52 • Major GPA: 3.43
Applicable Coursework: Software Design Models • Web Design and Implementation • Algorithms and Data Structures • Programming with Objects • Database Management Systems

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SKILLS

Linux: Ubuntu
Scripting: Python • Bash
Backend: C# (.NET Core 3.1) • Java (Spring) • Node.js • Express.js
Frontend: TypeScript (Angular) • JavaScript (React.js) • HTML • CSS • SASS • Bootstrap
Databases: PostgreSQL • MySQL • SQL Server • MongoDb
Misc: Git • Docker • Selenium • MS Azure • Heroku

PROFESSIONAL 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

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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 data

Full Stack 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 and object relational mapping to handle database schema