Henry Rheault

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EDUCATION

METROPOLITAN STATE UNIVERSITY | BS Information and Computer Science, Applied Mathematics Minor
Saint Paul, MN | Jan 2019 - Dec 2019
GPA: 3.335

NORMANDALE COMMUNITY COLLEGE | AS Computer Science
Bloomington, MN

WORK EXPERIENCE

TRINITY3 TECHNOLOGY | Computer Technician
Saint Paul, MN | November 2019 – Present

- PC service, repairs, troubleshooting and sales

PROFESSIONAL SKILLS

Programming Languages	Java, Python, C, SQL, R, Scheme, Prolog, HTML
Mathematics Course History	Multivariable Calculus, Statistics, Linear Regression, Discrete Math
Software Familiarity	Eclipse, JetBrains, Notepad++, MySQL, Powershell, Rstudio

PROJECTS

UBER CHESS (CAPSTONE) | Java, Linear algebra library
https://github.com/HenryR-226/UberChess499
A JVM chess app featuring an AI opponent.

MYSQL QUERY GUI | Java, MySQL API, JavaFX
A GUI interface to run Queries on a MySQL database, built for school project.

REMEYENDER: COMPUTER VISION SYNDROME PREVENTION | Java, Windows API, JavaFX
A Java system app to detect non-idle screen and give user a reminder to look away, preventing CVS

UDP FILE TRANSFER, STOP-AND-WAIT | Java, Ports API, Command Line
A school networks project to transfer a binary file over UDP protocol in Java.

BLOOMINGTON CITY WEBSITE USER TEST | CentOS Linux, Bloomington Website
User tested the Bloomington city website on a dedicated Linux installation to verify cross-platform functionality.

MATHEMATICS COURSE HISTORY

LINEAR ALGEBRA
Eigenvalues, Inversion and Transposition, Linear Combinations, Graphics Processing and AI

DISCRETE MATHEMATICS
Propositions and Truth Tables, Theorems, Proofs, Graph Theory, Time Complexity

CALCULUS I THROUGH III
Single and Multivariable Derivatives & Integrals, Lagrange Multipliers, Change of Variables

HIGHER STATISTICS
Mean and Median, Hypothesis Testing, Regression Fitting, Probability Distribution

LINEAR REGRESSION IN R (In Progress)
Hypothesis Testing and Standard Deviation, Least Squares Approach, Fit Smoothing, Residual Analysis