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| Zachary Schuster  Saint Paul, Minnesota | 651-328-7510 | Zackschuster.600@gmail.com  Zackschuster.600@gmail.com |
| **Looking for a role where I can expand my skills in Software Development to make useful products that clients are satisfied with.** |

# Projects/Experience

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| Summer 2021Chess Engine Made a 21 class, 1969 line chess playing application that can play around a 750 ELO rating. Created in Java, it is a rule-based artificial intelligence engine that uses a minimax search with Alpha-Beta pruning to analyze the current board state, calculate consequences of potential moves, and evaluate the highest value play. |
| Fall 2021Crime Database Website and Visualization Used HTML, CSS, JavaScript to make a website displaying a map of crime that has occurred in the Saint Paul/Minneapolis area. Accesses thousands of data points, and crimes can be sorted by type, severity, and neighborhood. This project also included the use of SQL, and a RESTful API. SPRING 2022Classy Schedule On the Desktop Application team, designing a tool with my peers to streamline the process of creating semester schedules for department chairs. Involved in both front-end and back-end development using Java, JavaFX, JavaFX Scene Builder, Gradle, and interacting with the database team’s API. |

# Education

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| 2018-PresentBS in Computer Science, University of Saint ThomasUniversity of St. Thomas Academic SCholarship |

# Skills

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| * Java/JavaFX * HTML/CSS/Python * Object Oriented Programming (OOP)  Employment | | * Artificial Intelligence * Deep Learning * Git/Github |
| Summer 2021INtern at The Drop Pilot LLC (thedroppilot.com) Took a series of courses on HTML/CSS/JavaScript under direct guidance from the CEO. Developed essential skills on web development and interacting with API’s. 2016-2021Certified Lifeguard, Saint Paul Tennis CLub Monitored pool area for safety, rescue and perform first aid and CPR to visitors if necessary. Kept pool and tennis area sanitary and maintained. | | |