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|  | | Patrick Hosking | |
| INTERESTS  Database Design and Management  Artificial Intelligence  Video Game Development  Video Games  **ADDRESS**  13 Naples Drive  West Seneca, NY, 14224  United States of America  **PHONE**  1-716-462-7619  **EMAIL**  pathosking1@gmail.com  **WEBSITE**  http://www.pathosking.com |  | Education | |
|  | **Monroe Community College**, Rochester, New York  2014 – 2015  Officer of the Electronic Gaming Society  **Erie Community College**, Buffalo, New York  2015 – 2016  **State University of New York at Fredonia**, Fredonia, New York  2014 – 2015 |
|  | Freelance | |
|  | **Spreadsheet Development and IT Assistance**  2017 - Current   * Co-created two spreadsheets for a client for two separate organizations. * Sheets are automated to maintain efficiency and streamlined for ease-of-use. * On standby to assist with any issues that may arise. |
|  | Projects | |
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|  | **Machine Learning with Unity and TensorFlow**  2018, Programmed using C#   * Created two experimental scenarios to test reinforcement learning. * First scenario mimicked a dog fetching an object and returning it to the owner. * Second scenario involved an agent pushing a box out of a designated area.   **AI Pathfinding Demonstration Application**  2017, Programmed using C++   * Created a small application to demonstrate different pathfinding approaches. * Utilizes various Microsoft Windows features in order to better display results. |
|  | REFERENCES | |
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|  | [Available upon request.] |