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|  | | Patrick J. Hosking | |
| PROGRAMMING SKILLS  OTHER SKILLS  CONTACT INFORMATION  **PHONE**  1-716-462-7619  **ADDRESS**  13 Naples Drive  West Seneca, NY, 14224  United States of America  **EMAIL**  pathosking1@gmail.com  **WEBSITE**  https://www.pathosking.com |  | EDUCATION | |
|  | **Monroe Community College**, Rochester, New York | 2014 – 2015  Field of Study; Computer Science  Officer of the Electronic Gaming Society  **Erie Community College**, Buffalo, New York | 2015 – 2016  Field of Study; Computer Science, Liberal Arts  **State University of New York at Fredonia**, Fredonia, New York | 2016 – present  Field of Study; Computer Science |
|  | FREELANCE | |
|  | **Spreadsheet Development and IT Assistance** | 2017 – present   * Co-authored spreadsheet series for multi-organization client   + Sheets automated and streamlined to enhance productivity and efficiency   + Worked in a consultant capacity; ensured program’s continued success |
|  | PROJECTS | |
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|  | **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   **Machine Learning with Unity and TensorFlow** | 2018   * Programmed using C# * Created two experimental scenarios to test reinforcement learning * First scenario mimicked a dog returning to their owner * Second scenario involved an agent pushing a box out of a designated area |
|  | INTERESTS |
|  | Database Design and Management   * Enjoy many facets of working with data, from spreadsheets to SQL databases   Artificial Intelligence   * Enjoy researching and implementing various A.I. agents   Video Game Development   * Officer of Electronic Gaming Society; Monroe Community College * Enjoy creating small video games, primarily using the Unity Engine   Hiking   * Take small day trips to various parks to explore   Cooking   * Enjoy cooking healthy meals and tasty * Researching automated plant cultivator for a D.I.Y. project |
|  | REFERENCES | |
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|  | Available upon request. |