

# MANMEET SINGH

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## Education

*University at Buffalo | Computer Science BS | Expected May 2020*

*University at Buffalo | Certificate in Game Studies | Expected May 2020*

*University at Buffalo | Certificate in Data Intensive Computing | Expected May 2020*

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## Experience

Noobis | Intern | June 2015 - September 2015

- o Introduced to HTML, CSS and JavaScript while interning
- o Developed professional relationships with company owner and employees
- o Developed communication skills for meetings and presentations

Sunoco Gas | Owner | January 2015 - present

- o Fourth family owned business in Buffalo
  - o Handled customers, stocked inventory, managed employees, handled sales reps and more.
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## Projects

B.R.A.D | UB Hacking November 2018 1<sup>st</sup> Place Winner

- o Member of a team on the project B.R.A.D. an AI application implementing machine learning to classify breast cancer tumors as benign or malignant. Personal responsibilities included feature selection, model performance comparison, hyper-parameter tuning and accuracy testing as well as designing the web application, implementation of the backend, and communication between the app and python script

UB Art Gallery Experience

- o A full VR application that utilizes OpenVr SDK and Google VR SDK to tour and interact with the Student led art gallery in the Center for The Arts at the University at Buffalo. Developed in C#, and Unity using the OpenVr and Google Vr SDK
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## Research

Scalable Computing Research (SCoRe) Group

- o Active researcher under Dr. Jaroslaw Zola, working on salable Bayesian network learning and applications
  - o Primarily involved with extending the SCoRe Group's Scalable Accelerated Bayesian Network Analytics ToolKit (SABNAtk) fast counting query capability to interface with other popular machine learning algorithms
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## Skills

- o Experienced with various programming, markdown, scripting, and analytical languages such as C, C++, C#, Python, Java, HTML, CSS, JavaScript, sh, bash, R, and many more
- o Experienced in various creation tools such as Unity, Unreal Engine, Adobe Photoshop, Affinity Design, Adobe Premier, Fl Studio and many more
- o Experienced in various Python machine learning, data science, and computer vision libraries
- o Proficient in the Git version control system
- o Knowledgeable in a variety of AWS services
- o Native Speaker in Punjabi, English and Hindi