

## Experience

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- **Manager of Technology**

*Imagine Cities*

*December 2021 - Present*

- Manage a team of two junior developers to maintain the **Django**-based internal publishing tool,
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I manage a team of two junior developers to maintain the **Django**-based internal publishing tool, used by 12 volunteers, as well as the as-of-yet launched Imagine Cities search engine I also maintain the server deployed with **Gunicorn**, **Nginx** and automated testing and deployment.

- **Software Developer**

*Mecsim Consulting and Engineering Inc. May - August 2021*

- **Research Assistant**

*University of Alberta, Department of Civil & Environmental Engineering*

*May - August 2019, May - August 2020*

Participated in the research and development of multiple projects involving data processing and filtering, numerical analysis, web publishing, and computer vision. Involved in writing two published papers, Lead-Authoring one and Co-Authoring another.

## Volunteering

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- President, University of Alberta Squash Club,  
*September 2020 - December 2021*
- Summer youth camp, Athabasca AB, *August 2017*
- Various Squash tournaments, Registration Desk

## Publications

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- **Ergezinger, N**, Virk, AS, Woo, J, Kainat, M, & Adeeb, S.  
"Application of Noise Filtering Techniques for the Quantification of Uncertainty in Dent Strain Calculations."  
*Proceedings of the 2020 13th International Pipeline Conference. Volume 1: Pipeline and Facilities Integrity*. Virtual, Online. September 28–30, 2020. V001T03A026. ASME. <https://doi.org/10.1115/IPC2020-9580>
- Baclig MM, **Ergezinger N**, Mei Q, Gül M, Adeeb S, Westover L.  
"A Deep Learning and Computer Vision Based Multi-Player Tracker for Squash."  
*Applied Sciences*. 2020; 10(24):8793. <https://doi.org/10.3390/app10248793>

## Education

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- **BSc with Specialization, Major in Computing Science**  
University of Alberta  
*Graduated December 2021*
- **High School**  
W.P. Wagner  
*Graduated 2017 with Honors*

## Skills

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### Programming Languages

- **Fluent:**
  - Python, C, C++
  - Javascript, AJAX
  - HTML, CSS, Jinja
- **Some Experience:**
  - JSX, Typescript
  - SQL, XQuery, SPARQL
  - Java, Kotlin
  - C#, Unity C#
  - MATLAB, VBA, CUDA

### Tools and Frameworks

- Git, Unix, Bash, Make, Regex
- Numpy, Scipy, Pandas, Pytorch
- Django, Flask, Node.js, React
- Nginx, Gunicorn, system/journalctl
- Github, Github Actions
- VSCode, Visual Studio, Excel, Unity

## Awards and Achievements

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- NSERC USRA, *May 2019 & May 2020*
- Squash Alberta University & College Championships, Teams Event:  
*Silver - 2017, Bronze - 2018*
- Alexander Rutherford Scholarship, *2017*
- Iverson Computing Science Exam, 6th place provincially, *May 2017*