# Ben Hollar

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## Work History

**Research Engineer**                                   September 2020 - Present
**Etegent Technologies Ltd.** — Cincinnati, OH

- Developer and maintainer for a geospatial data visualization and manipulation application written in C# (.NET) and Angular.
- Created extensive, generic tools to load a variety of geospatial data formats (e.g., KML, Shapefile, GeoJSON, GML) into a common in-memory structure
- Prioritized and assigned feature requests and bug reports to developers from internal issue tracker
- Created CI/CD pipeline to automate testing and deployment of various libraries and applications
- Developed and optimized Python algorithms that calculate image quality metrics for radar imagery
- Created and maintained developer and user documentation for several libraries

**Junior Engineer**                                     August 2017 - August 2020
**Etegent Technologies Ltd.** — Cincinnati, OH

- Assisted with development and maintenance of a MATLAB-based data visualization tool
    - Led development on several large new features, such as allowing better temporal analysis of data and revamping the tool's data storage interface
    - Helped develop MEX (C++) routines to increase performance
- Assisted development efforts transitioning the MATLAB-based tool to a .NET Core backed web application written in Angular

## Education

**University of Cincinnati**

- College of Engineering and Applied Science                Class of 2021
- BS Computer Science                                       GPA: 3.66 / 4.00
- Cincinnatus Scholarship Recipient

## Technical Skills

**Languages**:   C# (.NET), TypeScript, Python, C++, HTML/CSS, MATLAB, Bash
**Libraries**:   EF Core, SignalR, Angular, CesiumJS, Bootstrap CSS
**Other Tools**:   Git, Gitlab, Subversion, PostgreSQL, Apache