

# Nicholas Todd Aisthorpe

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[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

Full stack web developer with a background in Geographic Information Systems (GIS) and North Carolina Local Government Planning and Land Records. Currently working towards earning a certificate in Full Stack Web Development from the University of North Carolina at Charlotte Coding Boot Camp. Eager problem-solver who loves to troubleshoot and resolve issues.

## TECHNICAL SKILLS

- **Languages:** JavaScript ES6+, CSS3, HTML5, Python, SQL, NoSQL
- **Applications:** GitHub, MongoDB, MySQL
- **Tools:** Express, Node, Handlebars, jQuery, Bootstrap, Bulma, Leaflet JS

## PROJECTS

### Stock Research Site Project

<https://github.com/naisthorpe/crypto-stock-app> | <https://naisthorpe.github.io/crypto-stock-app/>

- **Summary:** Group project that utilized two web API's for help with stock symbol research.
- **My Role:** Ensured our project met the set requirements and specialized in JavaScript and Bulma.
- **Tools/Languages:** HTML, CSS, JavaScript, jQuery, Bulma, Yahoo Finance API, Reddit API, UpLead, FontAwesome

### Weather Dashboard

<https://github.com/naisthorpe/weather-dashboard> | <https://naisthorpe.github.io/weather-dashboard/>

- **Summary:** Weather dashboard that displays current weather and 5-day forecast for searched cities.
- **My Role:** Sole contributor on this project.
- **Tools/Languages:** HTML, CSS, JavaScript, jQuery, Bulma, OpenWeatherMap API

### JavaScript Coding Quiz

<https://github.com/naisthorpe/js-coding-quiz> | <https://naisthorpe.github.io/js-coding-quiz/>

- **Summary:** Interactive JavaScript quiz that stores scores locally.
- **My Role:** Sole contributor on this project.
- **Tools/Languages:** HTML, CSS, JavaScript

## WORK EXPERIENCE

### Planner - GIS

*Town of Indian Trail*

**Indian Trail, NC**

Mar. 2020 - Present

- Hired on to serve as department GIS mapping coordinator
- Created interactive Town Development Projects map to help visualize current development trends  
<https://indiantrail.maps.arcgis.com/apps/webappviewer/index.html?id=753aea25b8a04ce5b2d2656d420320d0>
- Updated and currently maintain Town zoning shapefile that had not been updated since late 2018
- Review and analyze site plans, subdivision plats, and other plan submittals

### GIS Technician

*Mecklenburg County*

**Charlotte, NC**

June 2019 - Mar. 2020

- Reviewed legal documents such as deeds recorded with the Mecklenburg County Register of Deeds, verifying correct property ownership and legal description per recorded map reference or metes and bounds description
- Updated and recreated parcel lines in ESRI ArcGIS per recorded surveys and aerial imagery to verify most up-to-date information is available to the public online at Polaris 3G website
- Assisted with projects such as aerial georeferencing of Mecklenburg County historical aerial imagery
- Performed data quality control of Land Records informational database as well as geographic records

**Planner I***Currituck County***Corolla, NC**

Jan. 2019 – June 2019

- Reviewed and approved applications for building permits and site plans to ensure compliance with county ordinances and adopted plans
- Used Esri GIS software for stormwater analysis, site plan review, CAMA Minor permitting, reviewing elevation data, and creating maps for customers
- Assisted with administering FEMA floodplain regulations

**Development Technician***Currituck County***Corolla, NC**

Sept. 2016 - Jan. 2019

- Earned Certified Floodplain Manager title within two years of starting the position
- Reviewed development applications including building permits, building plans, site plans, and minor stormwater plans to ensure compliance with county ordinances, and state regulations
- Applied and enforced rules and regulations relating to zoning, CAMA (Coastal Area Management Act), and flood standards

**EDUCATION****University of North Carolina at Charlotte**

Certificate, Full Stack Web Development

**Charlotte, NC**

Expected July 2021

**University of North Carolina at Chapel Hill**

Bachelor of Arts in Geography

Concentration in Geographic Information Systems / Minor in Environmental Studies

**Chapel Hill, NC**

May 2013

**CERTIFICATIONS**

- **Certified Floodplain Manager (CFM) with the North Carolina Association of Floodplain Managers (NCAFPM)**  
*Issued 3/23/2018 - Expires 7/1/2022 - Certification Number NC-18-0711*
- **NC Stormwater SCM Inspection and Maintenance Certification**  
*Issued 5/10/2019 - Expires 12/31/2021 - Certification Number 3559*