

# Blake Stefansen

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I'm a recent University of Florida *cum laude* geoscience graduate with demonstrated experience in GIS and software development. I'm a certified Microsoft Azure Developer Associate and have an undergraduate certificate in Geospatial Information Analysis. I currently specialize in JavaScript and Python and have a strong foundation in software development, geospatial information analysis, data analysis and visualization, and the geological sciences.

## Technical Skills

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**Programming Languages:** (*proficient*) Python • JavaScript • SQL • HTML/CSS • Bash (*familiar*) PowerShell • C# • MATLAB • R

**Geological/Geospatial:** ArcGIS • ArcGIS Online • Esri JavaScript API • QGIS • ENVI • Google Earth Engine • D3.js • Leaflet.js

**Frameworks/Tools:** React • Node • Express.js • MongoDB • GraphQL • Git/Github • WordPress • Bootstrap • Microsoft Azure • Google Suite • Google Analytics • Adobe Illustrator/Photoshop • NumPy • Pandas • Matplotlib • Jupyter Notebooks • RStudio

## Education

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### Bachelor's, Geology/Geosciences

Aug 2018 - May 2020

University of Florida, Gainesville, FL | Honors: *cum laude*

*Relevant Coursework: Mineralogy, Sedimentology, Igneous & Metamorphic Petrology, Coastal Morphology, Soil & Water Conservation, Hydrogeology, Geology of Florida*

### Certificate, Geospatial Information Analysis (GIS)

May 2019 - May 2020

University of Florida, Gainesville, FL | Honors: *cum laude*

*Relevant Coursework: Foundations in GIS, Maps & Graphs, Digital Image Processing, GIS Programming*

### Microsoft Certified, Azure Developer Associate

Aug 2020

Credential ID H498-7885

## Work Experience

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### OPS IT Technician

*Aug 2020 - Sept 2020*

Alachua County Public Schools

- Assisted with OS image configurations and transportation of IT equipment
- Troubleshooted imaging and configuration issues

### Founder

*May 2020 - Present*

Get Sufficient

- Founded Get Sufficient: an online media WordPress blog about self-sufficiency and sustainability.
- Configured domain, hosting, Google Analytics, and back-end security.
- Deployed custom CSS and HTML, optimizing the UI/UX.
- Customized and configured iTheme Security and Astra plugins.

### Associate Field Geologist

*May 2019 - Jun 2019*

Terra-com Environmental Consulting, Inc.

- Collaborated with geologists in preparation of site assessments.
- Executed groundwater sampling field services compliant with FDEP regulations.
- Assisted with data evaluation, HASPS, and report writing.

### Office Assistant

*Jan 2016 - Apr 2019*

Florida Credit Union

- Launched first annual cost analysis report of office supplies, informing senior management on optimizing annual savings.
- Developed and managed ordering systems and databases for company supplies through Smartsheet and Excel, streamlining ordering procedures for company branches and departments.
- Drafted and optimized procedures for supply ordering, mail processing, and database management.
- Reduced vendor pricing of office supplies and supervised inventory of the corporate office, saving \$2000 annually.

## Licenses & Certifications

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### freeCodeCamp

- Responsive Web Design
- Algorithms and Data Structures
- Front End Libraries
- APIs and Microservices
- Data Visualization
- Information Security and QA
- MERN Full Stack
- Scientific Computing with Python
- Data Analysis with Python

### Others

- 40 hr OSHA HAZWOPER Online
- MATLAB Onramp
- Microsoft Certified: Azure Fundamentals
- Microsoft Certified: Azure Developer Associate