

# Nhi Q. Nguyen

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## Summary:

I received my Bachelor of Science at the University of Colorado at Boulder in May 2018. I am a full-time employee at the National Center for Atmospheric Research working with the Research Applications Laboratory (RAL) in the Weather Systems and Assessment Program (WSAP). I specialize in front-end web displays and applications. I am seeking a career change to heighten my experiences and skills.

## Technical Skills:

- Highly proficient in JavaScript, HTML/HTML5, CSS/SASS, ExtJs, jQuery, Highcharts
- Proficiency in Python, Java, Leaflet, geoJSON, Bash scripting, OpenGL, MySQL, OpenLayers
- Some work experience in Angular, personal experience in ReactJS
- Apache Web Server, THREDDS Data Server

## Working Experience:

**NCAR- RAL/WSAP**

Jun 2018-Current

*Software Engineer I*

Boulder, CO

- High responsibility in delivering web-based JavaScript displays for data visualizations for forecasting, data validation, interactive mapping of geospatial data.
- Various tasks/scripting performed in Python/Bash scripting/Java
- Team-oriented work-flow
- From this job, I am well-adapted to making quick code corrections for access to new components/updates.

**NCAR- RAL/WSAP**

Jun 2017-May 2018

*Student Assistant II*

Boulder, CO

- Year-long internship position with introductions to web visualizations and displays, data processing/analytics, and working with meteorological data sets.

## Work Projects:

- 2020 American Meteorological Society 100<sup>th</sup> Energy Conference Presenter (Kuwait JavaScript web Display)
- GIS Climate Change Displays (Angular form/logging, JavaScript mapping displays, Java Servlet back-end)
- Denver International Airport Mobile Decision Support System (JavaScript mobile-web weather alerts display)
- Pikalert System Web Display (JavaScript Ext JS Framework for DOT decision support)

## Education:

**University of Colorado Boulder**

May 2018

B.S. Computer Science

GPA: 3.29

## Achievements:

- 3-time national team member of USA Ultimate (U19, U19, U24) Aug 2012-Jan 2018
- 4-Year CU Engineering BOLD Scholarship Recipient Aug 2013-May 2017
- GRU Spirit Award Scholarship Recipient Summer 2013

## Activities:

- High School Ultimate Frisbee Assistant Coach
- Altitude Youth Ultimate Diversity, Equity, and Inclusion volunteer board member
- CU Ultimate Frisbee, multi peer-voted regional award winner, captain Aug 2016-May 2018
- University of Colorado Society of Women Engineers