

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 NCAR working with the Research Applications Laboratory (RAL) in the Weather Systems and Assessment Program (WSAP). I specialize in front-end web displays and applications predominantly for weather forecasting. 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, Bash scripting, C, C++, OpenGL, MySQL, creating netCDF files, OpenLayers, Leaflet
- Some experience in using 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 and data validation.
- Team-oriented work-flow from one back-end data engineer/manager, one server-side querying engineer, and my front end JavaScript knowledge.
- 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:

- Denver International Airport Mobile Decision Support System (Javascript mobile-web weather alerts display)
- Kuwait Renewable Energy Park System (Javascript web power forecasting 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:

- Elite athlete (Ultimate Frisbee) with Denver Molly Brown
- 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