Chris Frisina

[×](#)

* [About](#about)
* [Work Experience](#work-experience)
* [Skills](#skills)
* [Education](#education)
* [Awards](#awards)
* [Volunteer Work](#volunteer-work)
* [Publications](#publications)
* [Interests](#interests)
* [References](#references)



### Chris Frisina

##### Programmer | Chef | Maker

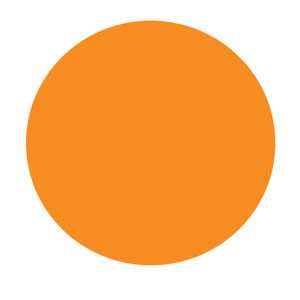
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[](http://specialorange.org) [](http://stackoverflow.com/users/1234721/chris-frisina) [](http://stackexchange.com/users/1280541/chris-frisina)

About

#### About

I am a dedicated worker with strong empathic design skills and pride myself in making others smile while bettering my community. I enjoy working on front end applications that help professional and organized communities enhance their skills and services offered. I do this with *Usability*, *Programming*, and *Design* with strong influences from my skills in *Consulting* and *Logistics* backgrounds.

#### Currently Seeking Employment Opportunities

Graduated May 2016 with a Masters in:

Computer Science

Human Computer Interaction

Human Centered Design

Work Experience

#### Work Experience

**Graduate Researcher**, Virginia Tech

Jan, 2013 - Present 3 years 2 months

The Sound of Fractions is an online tool to help students who struggle with fractions to understand the entire system of fractions through music.

* General Overview :
* Explore the design and data :
* Thesis, presentation, and documentation :
* National Public Radio (NPR) Interview:

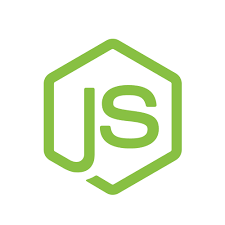
**Project Stack:**





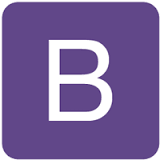




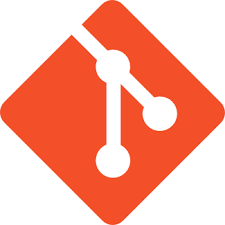




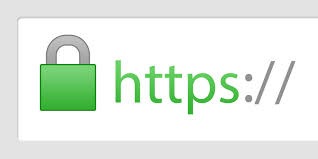
























**Joined:**  Jan, 2013

Currently Working

**Graduate Researcher**, Virginia Tech

Dec, 2013 - Present 1 year

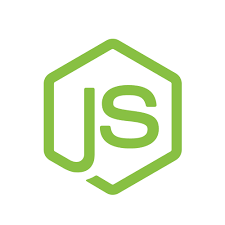
Research how to help entering undergraduates become more successful by making data meaningful to individual users and developed a custom dashboard for students, teachers, and administration.

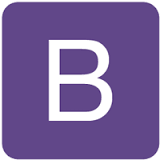
* Fully customizable dashboard for learning analytics   [Proof Of Concept](http://www.developer.specialorange.com/vt/PD/dashboard/#/)

**Project Stack:**

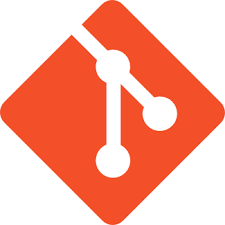












**Joined:**  Dec, 2012

**Left:**  Dec, 2015

3 years

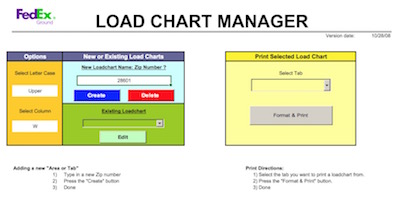
**Implementation Manager**, FedEx Ground

Feb, 2006 - Dec, 2014 8 years 10 months

I helped develop and implement an automated sortation and dispatch system to increase accuracy and productivity of the delivery of packages, the final stage in a the logistics of small package delivery networks. Reduced costs by 5% and then increased accuracy by 4%. Security and Six Sigma improvements savings totaling more than $10M.

* Contractor Corporate Liaison : July 2010 - Dec 2014
* Vision Implementation Manager : Feb 2010 - Dec 2011
* Southern Division Quality Initiative Manager : Feb 2009 - Jan 2011
* Senior Service Manager : Jan 2007 - Jan 2009
* Service Manager : April 2006 - Dec 2006
* Package Handler : Mar 2006 - May 2006

**Project Examples:**

[](_img/load-chart-example.png)



**Joined:**  Feb, 2006

**Left:**  Dec, 2014

8 years 10 months

**Grocery Manager**, Harris Teeter

May, 2002 - Feb, 2006 3 years 9 months

Managed grocery departments for several areas stores, eventually designing an improved inventory system.

**Joined:**  May, 2002

**Left:**  Feb, 2006

3 years 9 months

Skills

#### Skills

* **Areas**
* Web Development (front end) BIG DATA UI/UX Data Visualization Pedagogy Time and Method Engineering Heuristic Evaluation Systems Analysis Participatory Design Human Centered Design
* **Frameworks**
* Angular Node Ember Backbone Rails Drupal Unix
* **Languages**
* JS Java Ruby
* **Libraries and supporting languages**
* JQuery SQL Firebase Parse R D3 CSS HTML Bootstrap Markdown
* **Certifications**
* Six Sigma 6σ NERC SCADA OSHA DOT ISO CIP
* **Favorite Tools**
* Smile Music Excel OmniGraffle Adobe Illustrator Git

Education

#### Education

* **Computer Science : Human Computer Interaction, Masters**,  Virginia Tech
* Jul, 2013 - Present
* *3.7*
* Computer Supported Cooperative Work and Social Networks - S15 Human Centered Methods - F14 Programming Languages - F14 Digital Libraries - S14 [Usability Engineering - S14](http://goo.gl/V4vvX4)  [Computational Thinking - F13](http://goo.gl/FQVlXo)  Research Methods - F13
* **Started:**  Jul, 2013
* Currently Pursuing
* **Female Gendered Communication, Undergraduate**,  University of North Carolina at Charlotte
* Jul, 2003 - Nov, 2007
* Science, Tech & Society Public Speaking Comm Theory Leadership, Service, & Ethics German Lit. Of The Holocaust Small Group Comm Comm Research Methods Women Studies Rhetorical Theory Communication Ethics Feminist Thought Persuasion Women and Gender in Modern Asia
* **Started:**  Jul, 2003
* **Completion:**  Nov, 2007

Awards

#### Awards

* **Most Improved Service Manager**,  FedEx
* Awarded on: Jun 30, 2009
* Most improved service manager, and also highest metrics achieved by all managers in the area.
* **Awarded on:**  Jun 30, 2009
* **Eagle Scout**,  Boy Scouts of America
* Awarded on: Feb 07, 2003
* **Awarded on:**  Feb 07, 2003

Volunteer Work

#### Volunteer Work

* **Social Chair**,  Virginia Tech Computer Science Grad Council
* Aug, 2014 - Present
* I make things more fun. I do this with graphic visualization food menus, wood crafted games, home cooked meals, and of course smiles (and lots of them :) to every social event.
* **Since:**  Feb, 2012
* Currently Volunteering
* **Committee Chair**,  Ecumenical Think Tank
* Feb, 2012 - Feb, 2013
* I was asked to sit on with select community members to develop appropriate potential opportunities to help increase young adult attendance and participation in community churches and small groups, and allocate and distribute $100K to the opportunities.
* Feb, 2012
* **Team Member**,  Habitat For Humanity
* Jan, 2001 - Present
* Starting with weekend builds, I have become specialized in framing and roofing. I also help supply chains for the Bahamas Habitat, a country often not thought of requiring Habitat's resources, who help serve over 1000 families across the various islands. I also work with disaster relief efforts in the gulf.
  + Builder
  + International Logistics
  + Disaster Relief
* **Since:**  Jan, 2001
* Currently Volunteering

Publications

#### Publications

* [**The Sound of Fractions**](http://specialorange.org/thesis) ,  Virginia Tech
* Published on: April 24, 2016
* Teaching fractions to students through music with an online application and accompanying curriculum.
* **Published on:**  April 24, 2016
* [**Knowledge Building and Sharing: A meta-model for Guided Research, Learning, and Application**](https://vtechworks.lib.vt.edu/handle/10919/47913) ,  VTechWorks
* Published on: May 06, 2014
* A model for classification and design of security systems incorporating up to date methods.
* **Published on:**  May 06, 2014
* [**RaBit EscAPE: a board game for computational thinking**](http://idc2014.org/wp-content/uploads/2014/09/p349-apostolellisA.pdf) ,  Interaction Design and Children
* Published on: Dec 31, 2013
* Innovative child board game to teach computational thinking skills.
* **Published on:**  Dec 31, 2013

Interests

#### Interests

* **Outdoors**
* Camping Hiking Whitewater Kayaking Mountain Biking Snowboarding
* **Cooking**
* Large Scale (100+) Haute cuisine Fundraisers Cuisine Blends
* **Woodworking**
* Carpentry Turning Rare woods Artistic
* **Neon**
* Custom Artistic signs Integrated Artwork Scientific displays

References

#### References

**Michael Stewart**

[tgm@vt.edu](mailto:tgm@vt.edu?Subject=Chris%20Frisina%20Resume%20Reference)

**Melissa Avery-Wier**

[averymd@irrsinn.net](mailto:averymd@irrsinn.net?Subject=Chris%20Frisina%20Resume%20Reference)

**Word (pandoc conversion)**

[](http://www.specialorange.org/resume/_doc/ChrisFrisinaResume.docx)