Chris Frisina

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### Chris Frisina

##### Programmer | Chef | Maker

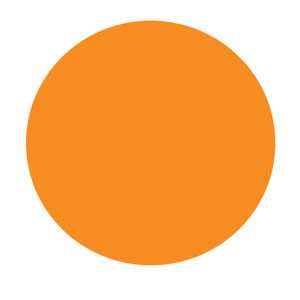
###### digital: [specialorange.org/resume](http://www.specialorange.org/resume)

[Blacksburg, Virginia, US](https://www.google.com/maps/place/Blacksburg,+VA/data=!4m2!3m1!1s0x884d950adc06dcc3:0x86ceb8ea4842da2d?sa=X&ved=0ahUKEwj17cP05brNAhXJeSYKHUi6BMEQ8gEIJTAB)

[(724) 426-5676](tel:1+724-426-5676)

[resume@specialorange.org](mailto:resume@specialorange.org)

English, Spanish, German

[](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:

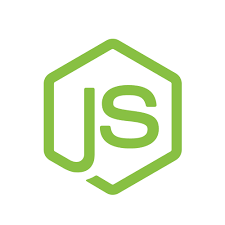
**Project Stack:**





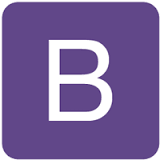




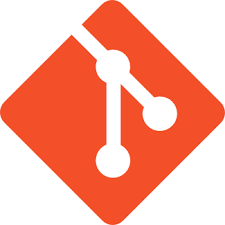












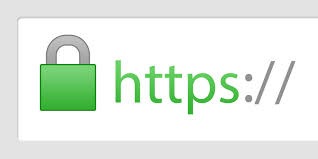
















**Joined:**  Jan, 2013

Currently Working

**Graduate Researcher**, Virginia Tech

Dec, 2013 - Present 1 year

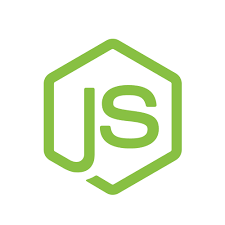
Research how to help entering undergraduates become more successful by making data meaningful to individual users and developed a custom dashboard for students, teachers, and administration.

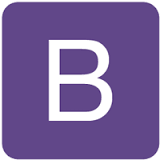
* Fully customizable dashboard for learning analytics   [Proof Of Concept](http://www.developer.specialorange.com/vt/PD/dashboard/#/)

**Project Stack:**

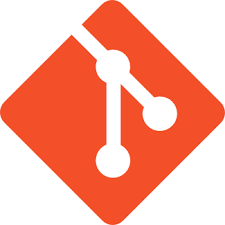












**Joined:**  Dec, 2012

**Left:**  Dec, 2015

3 years

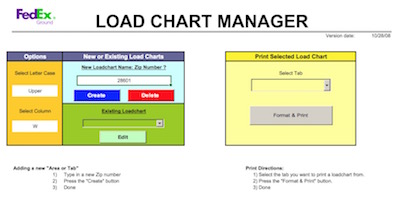
**Implementation Manager**, FedEx Ground

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 Open Data 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 Prolog Haskell
* **Libraries & 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

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

**Completion:**  May, 2016

*3.7*

**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

*2.1*

Awards

#### Awards

**Most Improved Service Manager**,  FedEx

Awarded on: Jun 30, 2009

**Awarded:**  Jun 30, 2009

**Eagle Scout**,  Boy Scouts of America

Awarded: Feb 07, 2003

**Awarded:**  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 of 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 participated with select community members to develop appropriate potential opportunities to help increase young adult attendance and participation in community 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/Chris-Frisina-Resume-Pandoc-Conversion.docx)