



CHRIS FRISINA

Software Developer | Maker | Chef

resume@specialorange.org

<http://specialorange.org/resume/>

[Belmont, NC 28012](#)

[\(724\) 426-5676](#)

I am a passionate worker with strong empathic design skills and pride myself in making others smile while bettering my community. I am looking for opportunities that help professional and organized communities enhance their skills and services offered. I contribute with Usability, Programming, and Design with strong influences from my skills in Consulting and Logistics backgrounds.

Education

M.S., Computer Science (focus: Human-Computer Interaction), 2016

Virginia Tech: Blacksburg, VA, USA

B.A., Communication (focus: Female Gendered Communication), 2007

University of North Carolina at Charlotte: Charlotte, NC, USA

Work

Experience

Master Specialists, 2016 - Current

I developed a full stack data analysis and logistics program support for fleet management and customers support

- Full Stack Developer
- Design, implement, and iterate features for the entire web platform
- Test features in code and with clients
- Assemble reports for cost-saving procedural/logistics chain changes
- Ideate and prepare client guided meetings for support and design

Graduate Researcher - The Sound of Fractions, 2013-2016

Virginia Tech

The Sound of Fractions is an online educational tool to help students who struggle with fractions to understand the entire system of fractions through music. I designed, developed, and implemented a study, of a full stack application with accompanying curriculum to enable students to tap their own rhythms and have audio processing transform their rhythms into mathematical graphical representations. I also designed and developed a data viewer to allow transparent and cross discipline investigation of the data.

Graduate Researcher – Student Success Dashboard, 2012-2015

Virginia Tech

Research how to help entering undergraduates become more successful by making data meaningful with custom dashboards for individual stakeholders

Implementation Manager, 2006-2014

FedEx Ground

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

Grocery Manager, 2002-2006

Harris Teeter

Managed grocery departments, eventually designing an improved inventory system.

Skills	Areas <ul style="list-style-type: none"> • Full Stack Development <ul style="list-style-type: none"> ▪ front HTML, CSS, and JavaScript ▪ middleware ▪ back Databases, scheduling, balancing • User Experience • Data Visualization / Open Data • Pedagogy • Time and Method Engineering • Heuristic Evaluation • Participatory Design • Human Centered Design 	Languages <ul style="list-style-type: none"> • JavaScript (Angular, Node, Ember, Backbone, D3) • Python (including Django) • Java • Ruby • Prolog • Databases (*SQL, Firebase, flat) <p>Favorite Tools: 😊 , Music, Sublime Text, Git, OmniGraffle, Illustrator, & Excel</p>
Publications	<p>The Sound of Fractions, 2016 Virginia Tech. Teaching fractions to students through music with an online application and accompanying curriculum.</p> <p>Knowledge Building and Sharing: A meta-model for Guided Research, Learning, and Application, 2014 VTechWorks. A model for classification and design of security systems incorporating up to date methods.</p> <p>RaBit EscAPE: a board game for computational thinking, 2013 IDaC. Innovative child board game to teach computational thinking skills.</p>	
Volunteer Work	<p>Social Chair, Virginia Tech Computer Science Grad Council, 2012-2016</p> <p>CHI Committee Chair, 2016</p> <p>IUPUI Housing Director, 2016 – present</p> <p>Committee Chair, Ecumenical Think Tank, 2012 - present</p> <p>Habitat For Humanity, 2001-present Builder International Logistics Disaster Relief</p>	
Interests	<p>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.</p> <p>Outdoors: Camping, Hiking, Whitewater Kayaking, Mountain Biking, Snowboarding</p> <p>Cooking: Large Scale (100+), Haute cuisine, Fundraisers, Cuisine Blends</p> <p>Woodworking: Carpentry, Turning, Rare woods, Artistic</p> <p>Neon: Custom Artistic signs, Integrated Artwork, Scientific displays</p> <p>Projects: specialorange.org/jokes , Chicken Box , Pergola Build</p>	

Please review my interactive resume online at
specialorange.org/resume