Chris Frisina

Programmer | Chef | Maker

digital: specialorange.org/resume

Blacksburg, Virginia, US   (724) 426-5676   resume@specialorange.org   English, Spanish, German

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

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:

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 📊]

Project Stack:

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:

FedEx Ground

LOAD CHART MANAGER

Version date: 10/28/08

Options	New or Existing Load Charts
Select Letter Case	New Loadchart Name: Zip Number ?
Upper	28601
	Create Delete
Select Column	Existing Loadchart
W	
	Edit

Print Selected Load Chart

Select Tab

Format & Print

Adding a new "Area or Tab":
1) Type in a new Zip number
2) Press the "Create" button
3) Done

Print Directions:
1) Select the tab you want to print a loadchart from.
2) Press the "Format & Print" button.
3) Done

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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.

</> SKILLS

Areas   Frameworks

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

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 git

🎓 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 ↗ · Computational Thinking - F13 ↗

Research Methods - F13

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

🏆 AWARDS

Most Improved Service Manager, FedEx

Awarded on: Jun 30, 2009

Eagle Scout, Boy Scouts of America

Awarded: Feb 07, 2003

🧍 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.

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.

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

📕 PUBLICATIONS

The Sound of Fractions , Virginia Tech

Published on: April 24, 2016

Teaching fractions to students through music with an online application and accompanying curriculum.

Knowledge Building and Sharing: A meta-model for Guided Research, Learning, and Application , VTechWorks

Published on: May 06, 2014

A model for classification and design of security systems incorporating up to date methods.

RaBit EscAPE: a board game for computational thinking , Interaction Design and Children
Published on: Dec 31, 2013

Innovative child board game to teach computational thinking skills.

♥ 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

Michael Stewart

tgm@vt.edu

Melissa Avery-Wier

averymd@irrsinn.net

Word (pandoc conversion)

PDF (of this webpage)