

**Kye Ellen Miller**  
kyemiller13@gmail.com | (270) 556-4007

## **Education**

*University of Kentucky*

Presidential Scholar (full-tuition scholarship)

Candidate: Bachelor of Science in Computer Science and Bachelor of Fine Arts in Dance

Projected Graduation: May 2020

GPA: 3.5

## **Computer Skills**

Microsoft Office

Object-oriented programming in C/C++ in the Unix/Linux environment

Python Programming

Some knowledge of HTML, Java, and JavaScript

## **Relevant Courses**

*Web Programming* - HTML, JavaScript, PHP, protocols and methods to support dynamic web pages, data transfer methods over the web, security issues of the web environment

*Software Engineering for Senior Project* - Agile development methodologies, software testing, continuous integration, software metrics, code refactoring, pair programming, user stories, requirements, and design

*Network mining and analysis of interdependent networks* - modeling and analysis of large-scale networks, complex network theory, interdependent networks

## **Employment/Experiences**

Research Assistant at the University of Kentucky, present

- label datasets for research involving automatic bug detection for android apps

Sora Aerial Arts Work-Study Program, present

- manage front desk responsibilities including scheduling events for clients, checking in clients for classes, and completing transactions in exchange for aerial training

Millennium Dance Complex Certificate Program, Summer 2019

- completed 20+ a week of pre-professional dance training over a period of three months

Intern, Cyber Agents Inc., May 2017

- developed an Enscript program to search devices for forensic artifacts

Server, Crank & Boom Ice Cream Lounge, 2017-2018

Server, Ice Cream Factory, 2016

IEEEExtreme 24-Hour Programming Competition, Fall 2015

Certified in Unarmed Stage Combat by the Society of American Fight Directors, Fall 2015

Lifeguard, Venture River Water Park, Summer 2014-2015

## **Professional Experience**

Dancer: *Full Blown* choreographed by Anthony Alterio 2017-2019

- Toured in various locations such as Dixon Place in New York, the Pittsburgh Fringe Festival, the Small Plates festival in Virginia, and West Virginia

University of Kentucky Faculty Dance Concert, 2016-2019

- participated in up to fifteen hours of rehearsal per week as both a dancer and choreographer to perform for audiences of up to three hundred people

