

# Matthew Simson

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## Career Objective

Full-time position where I am actively working and learning from a vineyard or winery and will become proficient with their processes. Ultimate goal is to have a managing role at a vineyard and/or winery.

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## Core Qualifications

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| • Performed analysis of multiple wine compounds: including phenolic groups and major organic acids | • Technically knowledgeable of pruning and canopy management & berry parameters analysis |
| • Background in grain and horticulture crops   | • Reliable with completing projects proficiently   |
| • Ability to work independently and on cross-functional project team                               | • Ability to prioritize activities & focus on the most important task                    |
| • Working knowledge of spectrometer equipment operation  | • Proficient at technical report writing   |

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## Achievements

- Completed thesis regarding red wine grape cultivars grown in Kentucky.
- Have written three papers related to red grapes currently in the process of journal submission
  - 1) Regarding oxalic acid in Chambourcin
  - 2) Topic on coloration improvement in *Vitis vinifera* cv. 'Cabernet Franc' in Kentucky
  - 3) Addressing French hybrid suitability in Kentucky
- Earned the award of Eagle Scout from the Boy Scouts of America May 2002

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## Employment Summary

**University of Kentucky Department of Plant and Soil Science** May 2009 to August 2009

Student Worker for Grass Breeding Professor, Dr. Tim Phillips  
Lexington, Kentucky

- Managing greenhouse for an effective study of tall fescue lines with and without their associated endophyte.
- Worked with the professor and other students of agriculture as a team member.

**University of Kentucky Horticulture Research Farm**

May 2007 to October 2008

Horticulture Student Worker  
Lexington, Kentucky

- Hands on experience with multiple cool season and summer horticulture crop production systems.

**Kentucky Department of Mines and Minerals**

May 2005 to August 2005

Co-op Intern  
Frankfort, Kentucky

- Scanning of licensed mine maps into the Kentucky DMM online database for public use.

## **Education**

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### **University of Kentucky, 2011**

Lexington, Kentucky, USA

Plant and Soil Science

Master of Science in Horticulture, Plant and Soil Science

Selected Coursework: Plant Breeding, Plant Pathology, Plant Physiology, Soil Use and Management

### **University of Kentucky, 2008**

Lexington, Kentucky, USA

Crop Science

Bachelor of Science in Horticulture, Plant and Soil Science

Selected Coursework: Crop Science, Fruit and Vegetable Production, Plant Production Systems

## **Affiliations**

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- University of Kentucky Agriculture and HES Alumni Association
- Kentucky Viticulture Society