

# KELSEY E. STEMM

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## EDUCATION

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### Planning to Enroll in Master of Science

Expected Graduation March 2018

### Graduate Certificate in Software Development and Design

Expected Graduation June 2016

Computer Science, University of Washington Bothell

**Current GPA: 3.93**

#### Relevant Coursework:

- Data Structures and Object-Oriented Programming Using C++
- Software Development Processes
- Software Modeling Techniques

### Master of Science

2012

Animal Sciences, University of Arizona, Advisor: Dr. Robert Collier

Thesis: Evaluation of colostral proteins to enhance mitogenesis in bovine mammary tissue.

#### Relevant Coursework:

- SAS and Data Management
- Art of Scientific Discovery: Structured Problem Solving

### Bachelor of Science, *Magna Cum Laude*

2009

Molecular and Cellular Biology and Animal Sciences Equine Science, University of Arizona

## EMPLOYMENT HISTORY

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### Student Researcher

2015 - Current

Dr. Michael Stiber, University of Washington Bothell

- Aiding in simulation of networks to mimic spiking neurons utilizing GPU parallel processing
- Comparing BrainGrid workbench data provenance software to other available systems to highlight differentiating factors for publication

### Andrology/Endocrinology Supervisor

2014 - 2015

### Andrology Technician

2013 - 2014

Poma Fertility

- Maintained databases for IVF and IUI outcomes: report appropriate data nationally
- Determined significant ( $P < 0.05$ ) outcomes for pregnancies by employee competency

## PROFESSIONAL AND EXTRACURRICULAR ORGANIZATIONS

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- Member, Society of Women Engineers 2015 - Current
- Member, Association for Computing Machinery 2015 - Current
- Vice President, Animal Sciences Graduate Student Council 2010 - 2011
- Vice-President, Sigma Alpha Professional Agricultural Sorority 2008 - 2009

## AWARDS AND HONORS

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- Recipient of *Meritorious Graduate Teaching Award, Ph.D. Level* Spring 2011
- Recipient of *E. Ray Cowden, Otis Lough and Ag and Life Sciences Graduate Tuition Scholarships* 2010 - 2011
- Recipient of *Richard Harvill Meritorious Graduate Fellowship* 2009 - 2010

## SKILLS

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Proficient: C++, Java

Familiar with: SAS, HTML, CSS, Bootstrap, JavaScript, jQuery, NodeJS, Express, MongoDB, RESTful