Tiffany Seale

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**Skills/Abilities:**

* Proficiency in the following programming languages: C++, MatLab, Python, C, HTML, CSS, PHP, SQL, R, Java, JavaScript, Perl, and NetLogo.
* Adaptability when learning new programming languages/computer skills.
* Certified Pharmacy Technician
* Certified Supplemental Instructor and CRLA Certified Tutor.
* Certificate in Health Sciences from the Lee County Area and Technology Center

**Education:**

**Bachelor of Science Computer Science** University of Kentucky

Minors: Mathematics and Biology Lexington, KY

Senior GPA 3.2; 158 credit hours Graduation: May 2019

**Relevant Courses**: Introduction to Computer Programming, Introduction to Program Design Abstraction/Problem Solving, Introduction to Software Engineering Techniques, Systems Programming, Algorithms Design and Analysis, Introduction to Networking, Database Systems, Independent Research

**Activities:**

**HOSA: Future Health Professionals University of Kentucky Chapter, Treasurer**: Promoting health care professionals as they go through college/technical programs, and heavily on community service and charity.

**Music Class**: Teaching elementary school kids instruments such as guitar, mandolin, banjo, violin, and dulcimer.

**Honors and Awards**:

* **Robinson Legacy Scholarship**: ($120,000/4 years) Based on community service, ACT score, and involvement in the Robinson Leadership Program.
* **William C. Parker Scholarship**: ($5,250/semester) Based on ACT score and ability to contribute to diversity.
* **Kentucky Educational Excellence Scholarship** ($1150/semester) Based on ACT score and high school GPA.

**Experience:**

* **Undergraduate Research, Crowley Labs (Lexington, KY)** August 2015-Present

Computational Ecology research, including three models: *Sequential Decisions in the Nesting Game:*

*Trade-Offs Conflicts, and Infanticide, Urban Gardens: Havens or Ecological Traps for Pollinators?,* and a yet to be determined project about dominance relations in crayfish (*Procambarus clarkia*).

* **Certified Pharmacy Technician, Walmart Pharmacy** **(Lexington, KY)** June 2016-Present

This position includes all duties associated with retail pharmacy activities: answering phones, helping patients, filling prescriptions, and submitting/fixing insurance claims.. Along with pushing for the latest technological opportunities Walmart has been developing, working with the Home Office IT department to help resolve technical issues, fixing the printers, and working with the large Connexus database.

* **Certified Tutor/Supplemental Instructor, Student Support Services (Lexington, KY)** August 2015-July 2018

This position included duties such as tutoring students in every class a junior/senior math, biology, or computer science major would have generally taken. There was also GRE test prep included, as an instructional aide in the EDU 300: GRE Prep course offered at UK for several semesters, teaching the math section and answering questions.

* **Library Database (Lexington, KY)** August 2018-December 2019

Implemented a library database structure using MySQL to form the database, as well as HTML and PHP to encode the interactive webpage. Functionality included adding and removing books for the librarian entity as well as searching and reserving books for all other users. Users could create an account or navigate the site as a guest without the ability to reserve books or see their history of activity.