

TYLER BUGBEE

4390 Dunmore RD NE, Marietta, GA 30068 • 404.429.1877

tbugbee1@gmail.com • www.tylerbugbee.com

PROFESSIONAL SUMMARY

Motivated computer science student eager to begin a career in networking and software engineering. Passionate about big data, technology, and the potential to automate our manual world.

EDUCATION

University of Georgia – Athens, GA
Bachelor of Science, Computer Science

Expected Graduation: May 2018

Georgia State University – Atlanta, GA
Honors College, Bachelor of Science, Computer Science

June 2014 – May 2015
GPA: 3.74

EXPERIENCE

Crawford & Company – Atlanta, GA

June 2015 – August 2016

Rotational Risk Sciences/Risk Management/Marketing Intern

- Operated within multiple business units, tasked with managing and executing several projects in various corporate and technical disciplines
- Conducted machine learning research and model creation/training
 - I implemented Vowpal Wabbit with python to make predictions over a large dataset
 - I fine-tuned key parameters of the core algorithm to arrive at an accurate model
 - I implemented deep learning with the H2O suite to make predictions over a large dataset
- Tasked with speed benchmarking and comparison between big data relational databases
 - I utilized Oracle SQL developer and Aginity Workbench for SQL querying
 - I compared execution and relay speeds of various SELECT statements with and without aggregation
- Developed, managed, and executed multiple marketing projects involving extensive logistics and corporate communication

SKILLS

- C/C++ – Proficient with emphasis in several advanced topics such as templates, memory management, operator overloading, and inter-process communication
 - Additional exposure to networking functions using C++ such as network IPC
- Java – extensive problem solving experience including intermediate levels of recursion
- Python – Intermediate to advanced program design
 - Advanced topics such as lambda functions applied to list comprehension
- Git – experience with using repositories and Git shell functions
 - GitHub: <https://github.com/tbarc>
- Linux – Proficient in Linux systems and various kernels
 - Knowledge of Linux (bash) shell commands
 - Personal study of the LPI Introductory Program
- SQL – Big data application of intermediate SELECT statements with levels of aggregation
 - Additional personal experience with more advanced SQL functions such as joined tables

EXTRACURRICULAR ACTIVITIES

Marching/ Concert Band

2010 – 2014

Percussion Section Leader

- BOA Super Regional Championships – 2010, 2011, 2012, 2013 – Atlanta, GA - Finalists
- BOA Grand National Championships – Indianapolis, IN – 2012 – Finalist

Percussion Ensemble Member

Quartet Leader/Participant

Symphony Orchestra Percussionist (One of 5 chosen)

- Music for All Midwest Clinic – Chicago, IL – 2012

Accomplished Concert Pianist

- Extensive classical study since ~2000
- Continued private study

ACCOMPLISHMENTS

- AP Scholar with Distinction
- Georgia State University President's List 2014