

Tuscaloosa, AL

TODD B. TRAFFANSTEDT

benTraffanstedt@gmail.com

www.linkedin.com/in/ben-traff

https://thetraff.github.io

Education

The University of Alabama	Tuscaloosa, AL	December 2017
B.S. in Computer Science	Minor in Mathematics and Physics	GPA: 3.41/4.00

Employment

Software Development Intern	TicketBiscuit	May - August 2017
<ul style="list-style-type: none">Designed and created an image resizing service utilizing AWS (lambda(C#), API gateway, Cloudfront, S3) that supports dynamically resize images on print-at-home ticket layoutsAdapted .NET service hosts to be compatible with .NET core for future development		
Computer Technician	The University of Alabama	March 2014 - Present
<ul style="list-style-type: none">Provide technical support for faculty and classrooms within the Culverhouse College of Commerce as well as manage newer student workers		

Projects

Wholegrain Tweets	March 2017	Python/Django/PostgreSQL
<ul style="list-style-type: none">Won the “#HackHarassment” award at Crimson Hacks 2017, built with one other personUsers can sign up on a webpage for automated and encouraging tweets from a python based twitter bot		
Self-Learning Tetris	May 2017	Python
<ul style="list-style-type: none">Created a self playing Tetris simulation from scratch that places pieces based on a heuristicImplemented a successful genetic algorithm that improved the simulation after a number of generations		

Skills and Courses

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- Proficient: C; C++; Python; Java; SQL
 - Some experience with: C#; HTML5; CSS; Swift
 - software: UNIX and Linux; Windows; Git; Visual Studio
 - Coursework: Databases; Cloud Computing (Hadoop & Map-Reduce); Artificial Intelligence; Computer Algorithms; Operating Systems; Programming Languages; Capstone Computing

Accomplishments

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- University of Alabama Honors College
 - Eagle Scout Award: May 2013