**JAMES J WINKLE**

**e-mail:** jwin4740@gmail.com **phone:** 630-715-7982 **website:** www.jamesjwinkle@heroku.com

**Technical Skills**

Front end development, HTML, CSS, Javascript, jQuery, HTML canvas, C, Bootstrap, AJAX, APIs, advanced MSExcel (ANOVAs, post hoc analysis)

**Experience**

* **NFL HANGMAN**

*NFL themed hangman game with animations*

* + HTML, CSS, Javascript, jQuery
  + ***Github:*** https://github.com/jwin4740/week-4-game-challenge
* **CIPHER**

*wrote a program that can encrypt and decrypt user messages using either a Caesar cipher or Vigenere cipher*

* + HTML, CSS, Javascript, jQuery
  + ***Github:*** https://github.com/jwin4740/cipher
* **NY TIMES SEARCH**

*uses NY Times API to return search parameters*

* + HTML, CSS, Javascript, jQuery, NY TIMES API, AJAX
  + ***Github:*** https://github.com/jwin4740/nytimesgroup
* **CADDYSHACK SCRATCH**

*my intro to programming animation via scratch*

* + ***SCRATCH:***  *https://scratch.mit.edu/projects/120477584/*
* **TRIVIA GAME**

*object oriented javascript program with timed questions*

* + HTML, CSS, Javascript, jQuery
  + ***Github:*** https://github.com/jwin4740/TriviaGame

**Education**

Full Stack Web Development*,**UNC Charlotte Coding Bootcamp*  2017

Bachelor of Science, Integrative Biology*:**University of Illinois* May 2010

**Published Works**

MD Opal, SJ Klenotich, M Morais, J Bessa, J Winkle *et al*. Serotonin 2C receptor antagonists induce fast-onset antidepressant effects. *Molecular Psychiatry* **19**, 1106-1114 (October 2014)

**Previous Experience**

**Lowes Corporation –** Front End/Customer service associate,

*February 2015 – present*

**Davidson College –** Research Technician, Department of Biology (Genetics)

*November 2012 – April 2014*

**University of Chicago –** Research Technician, Department of Psychiatry

*August 2010 – September 2011*

**Additional Skills**

PCR, RT-PCR, Western blotting, fluorescent and confocal microscopy, colony maintenance, bacterial and tissue culture, column chromatography, affinity purification, molecular cloning, ovariectomy and mini pump surgery, open field, , cryostat sectioning, tissue fixing, DNA RNA isolation, hard working, patient, resilient;