Theodore **Williams**

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Skills   Python, Django, Flask, Git, Bootstrap, Javascript, JQuery, HTML5, CSS3, SQL, C

Projects

Finance (Python, Django, Bootstrap, JQuery)
A stock analysis/trading full stack web application where you can analyze, buy and sell stocks
- Simple, easy to use UI utilizing AJAX asynchronous page loading for good user experience
- Responsive webpage with bootstrap and CSS3 grid
- Persistent data storage with an SQL ORM

Games (Python, Pygame, Django, Scratch, Bootstrap, JQuery)
A series of games implemented with various frameworks
- Twisted Towers: in depth Pygame tower defense style game
- Batty's Moth Hunt: Scratch based event driven chase game
- Connect 4: Python/Django AJAX based board game with procedurally driven AI

Simple (Python, Django)
A series of fun simple apps
- Vigenere Cypher: app for enciphering and deciphering paragraphs with keyword
- FizzBuzz: app that replaces number multiples with variables
- Change: cash register style app that will give exact, simplest change for customers

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Experience

Primary Research Assistant (2015-2018)
Nakayama Laboratory, University of Colorado
- Wrote python scripts for analyzing data in excel. Performed experiments and data-analysis alone and in group settings to determine the cause of type I diabetes onset and disease progression. Wrote protocols and performed complex experiment techniques. Trained new employees and students in proper techniques. Presented data on experimental findings.

Primary Research assistant (2013-2015)
Trobridge Laboratory, Washington State University
- Performed experiments and data-analysis alone and in group settings to determine causes of prostate cancer onset and to find gene-therapy treatments for HIV. Published author.

Education   BS Cell Biology - University of California, Davis, 2013
- GPA: 3.88, top 10% of class

Software Development – Self Taught, 2017-2018
- Includes courses and training through edX, Udemy, CodeAcademy, HackerRank

PORTFOLIO http://verdantfox.com
GITHUB https://github.com/VerdantFox
LINKEDIN https://www.linkedin.com/in/theodore-f-williams