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| TECHNICAL SKILLS | | |
| **Languages**: | *Python, Javascript, C, SQL, Bash, HTML, CSS* | |
| **Technologies:** | | *Git, Vagrant, Flask, MySQL, gunicorn, NGINX, SQLAlchemy* |

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| PROJECTS | | | | |
| **deTweet** | | <https://detweet.online/> | | Mar 1 `19 – Present |
| *Flask app that finds, displays, and deletes tweets containing inappropriate words* | | | | |
| * Implemented server-side logic to handle tweet retrieval, deletion, filtration using regex, and Twitter OAuth * Successfully deployed application to a Digital Ocean droplet and automated deployment using *Fabric* * Technologies: *Python, Semantic UI, Twitter API, Flask, Fabric, Javascript, HTML, CSS* | | | | |
| **Abalone** | <https://github.com/VortexH/abalone> | | Feb 25 ‘19 | |
| *Flask app enabling users to engage in real time discussions with friends on any Youtube video* | | | | |
| * Contributed to back-end with RESTful API routes to post/retrieve comments to/from a MySQL database * Obtained valuable knowledge on building the basis of a commenting system * Technologies: *Python, Flask, Youtube API, MySQL, jQuery, Javascript, HTML, CSS, gunicorn, NGINX* | | | | |
| **Kwikilinks** | <https://github.com/VortexH/KwikiLinks_MVP> | | Feb 16 ’19 | |
| *Flask app built during a 24-hour hackathon displaying the degrees of separation between 2 Wikipedia pages* | | | | |
| * Coordinated team efforts using Trello as SRE and PM and managed deployment during crunch time * Furthered personal knowledge of effective project management to handle roadblocks and successes * Technologies: *Python, Flask, Wikipedia API, Bootstrap, Jinja, MySQL, Javascript, HTML, CSS, uWSGI, NGINX* | | | | |
| **AirBnB Clone** | <https://github.com/VortexH/AirBnB_clone_v4> | | Nov 8 ’18 – Feb 16 ’19 | |
| *Flask app, inspired by AirBnB, that displays rental unit listings* | | | | |
| * Developed server-side console, file storage, database storage, RESTful API, and front-end UI * Incorporated unit tests when building out features of the application and pair programmed with multiple teams * Installed services using bash scripts across web infrastructure and deployed static codebase using Fabric * Technologies: *Python, Flask, SQLAlchemy, MySQL, Jinja, Fabric, jQuery, Javascript, HTML, CSS, gunicorn, NGINX* | | | | |
| **Shell** | <https://github.com/VortexH/simple_shell> | | Aug 16 `18 – Aug 30 `18 | |
| *Command line application that executes valid shell commands using system calls* | | | | |
| * Developed strategy to pass a struct by reference to all functions in the program, implemented token counter, and fixed numerous memory leaks * Shell successfully handled the PATH and executed commands using fork and exec * Technologies: *C* | | | | |

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| EDUCATION | | |
| **Holberton School** | San Francisco, CA | Jun `18 – Jun `19 |
| Software Engineering | | |
| **State University of New York at Binghamton** | Binghamton, NY | Aug `11 – May `15 |
| B.S. Bioengineering, Magna Cum Laude | |  |