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HEMANT HEER

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TECHNICAL SKILLS

Languages:*Python, Javascript, C, SQL, Bash, HTML, CSS*
Technologies: *Git, Vagrant, Flask, MySQL, gunicorn, uWSGI, NGINX, Jinja, SQLAlchemy*

PROJECTS

deTweet https://github.com/VortexH/detweet Mar 1 `19 – Mar 23 `19
Flask app that finds, displays, and deletes tweets containing inappropriate words
- Implemented RESTful back-end server that handles tweet retrieval, deletion, tweet parsing, and Twitter OAuth
- Successfully built an MVP within a 2-week timeframe and demoed it at the end of Holberton's first year
- Technologies: *Python, Semantic UI, Twitter API, Flask, jQuery, 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*

EDUCATION

Holberton School San Francisco, CA Jun `18 – Jun `20
Software Engineering

State University of New York at Binghamton Binghamton, NY Aug `11 – May `15
B.S. Bioengineering, Magna Cum Laude