

Nicol Hawkins

Contact

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Skills

Python



JavaScript



Django



React



Redux



Git



SQL



MongoDB



HTML



CSS



Node.js



Express



Ambitious and detail-oriented programmer dedicated to creative problem solving by distilling abstract ideas into practical solutions. Clear communicator who is a highly organized and adaptive team player. In my spare time I write, record and mix music using Logic and Reaper recording software in my home studio.

Experience

2018-01 -
2018-12

Data Analyst Intern

Peralta Genomics Lab, Alameda, CA

- Assisted with query preparations for amphibian DNA sequences in FASTA format to prep assembly of data pipelines using PERL.
- Parsed DNA for gene translation by assembling reads for each gene in order to detect and exclude genetic duplicates.
- Used Python functions and dictionaries to mine and compile nucleotide sequences according to stop codons to collect specific segments of genes.

Education

2016-01 -
2018-12

Associate of Science: Natural Sciences

Merritt College - Oakland, CA

2019-10 -
2020-03

Web Apprentice: Full-Stack Software Development

Kickstart Coding - Oakland CA

Projects

Herbal Antidote

(<https://herbal-antidote.herokuapp.com/>)

Parsed SQLite data into dynamic web templates to build Boolean value quiz in Python. Conditionally rendered recommendations displayed with user generated outputs. Implemented Google Maps API for geolocation services.

Forests of South America Graph

(<https://south-american-forests.herokuapp.com/>)

Designed an interactive data visualization chart in React.js. Applied fetch and life-cycle methods to interpret and update JSON data. Rendered data using JSX looping syntax along with form elements to transform graph display. Integrated and imported components while passing down relevant props.