**Ryan Young**

Software Developer

[ryoung.netlify.com](https://ryoung.netlify.com)

San Jose, CA 95129 |  (408) 402-2021 |  [rayyoung@ucdavis.edu](mailto:rayyoung@ucdavis.edu) | Image result for linkedin icon [linkedin.com/in/youngryan93/](https://linkedin.com/in/youngryan93/) | Image result for github icon [github.com/redyoshi33](https://github.com/redyoshi33)



**SUMMARY**

I am a software developer with proficiency in Javascript, Python, and Swift and have the experience to develop applications from front-end to back-end. I formerly worked in the environmental sciences field, in which I gained experience in research, data collection, and publishing. I hope to expand my knowledge and experience of this field and contribute my skills back to society.

**SKILLS**

**Front-End Development –** HTML, HTML5, CSS, CSS3, jQuery, HTTP Request/Response, AJAX, Bootstrap

**Languages –** Javascript (ES5 and ES6), Typescript, Python, Swift

**Swift Technologies –** UIKit, Auto Layout, Core Data, Core Motion, Core Location, MapKit, AV Foundation

**Back-End Development –** MySQL, SQLite, MongoDB, Mongoose.js, Bcrypt

**Development Tools –** AWS, Terminal, Sublime, Xcode

**Methodology –** OOP, MVC, RESTful Architecture, EDD, CRUD Operations, Responsive Web Design

**Version Control –** Git/Github

**Frameworks –** Express.js, Socket.io, Django, Angular, Node.js, Flask

**Deployment –** Amazon EC2, Netlify

**PROJECTS**

[**WEEH: Where Eat, Eat Here**](https://www.youtube.com/watch?v=ZukKZSmecIc)

**Placed 1st in a Python Hackathon amongst 4 teams.**

Description: A restaurant finding web application that uses multiple user preferences to select a restaurant.

* **Built with a team of 2 developers, contributed with the UI, front-end and back-end.**
* **Technologies:** Python, Django, Bootstrap, Google Maps API, Yelp API

[**Pokedex Trivia**](https://www.youtube.com/watch?v=WWDErN6LTsM)

**Placed 1st in a Swift Hackathon amongst 8 teams.**

Description: A trivia iOS application that uses the Pokemon API to pull a description about a random Pokemon and allows the user to guess which one it is.

* **Worked independently, built the UI and the logic.**
* **Technologies:** Swift, Pokemon API, Core Data, AV Foundation.

[**24 Game**](https://www.youtube.com/watch?v=WC1hlFO55Y8)

Description: A multiplayer web application game using socket.io in which users compete to see who can make the value 24 using all 4 displayed numbers.

* **Worked independently, built the UI, game logic, and server to user connections.**
* **Technologies:** Express.js, Node.js, Angular, Socket.io, Bootstrap

**EXPERIENCE**

Scientific Aidat California Department of Fish and Wildlife

Stockton, CA ▪ 11/2015 to 01/2018

* Worked with a Field Crew of 5-6 people to collect biological samples from the San Francisco Estuary year round. Identified species and sex for various fish and invertebrate species found in the bay.
* Recorded and managed data that multiple environmental groups relied on for population monitoring.
* Trained and managed new recruits, while revamping protocols for processing biological samples.

Research Associateat University of California Davis

Davis, CA ▪ 06/2015 to 12/2015

* Performed swimming and behavioral experiments on green sturgeon from constructing experiment protocols to recording data through R and Excel.
* Utilized critical-thinking and observation skills to analyze experimental data through R and write up scientific papers for publishing.

**EDUCATION**

Coding Dojo **–** San Jose, CA – 2018

Certificate of Completion – Full Stack Web Developer

* An intensive programming bootcamp that teaches the fundamentals of front-end development as well as three different full stacks: Python, MEAN, and Swift. Dedicated over 1000+ hours of coding to create various websites and projects using different frameworks and databases. Gained the knowledge and skills for full stack web development, such as to deploy a full website from client to server to database.

UNIVERSITY OF CALIFORNIA DAVIS **–** Davis, CA – Degree received June 2015

Bachelors of Science – Animal Biology

**ACHIEVEMENTS**

Publications

* Co-author, “Transmission of a heterologous clade C *Symbiodinium* in a model anemone infection system via asexual reproduction.” *PeerJ* 4:e2358 <https://doi.org/10.7717/peerj.2358>