Ryan Young

Software Developer

San Jose, CA
(408) 402-2021
rayyoung@ucdavis.edu
linkedin.com/in/young-ryan1993/
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, CSS, jQuery, HTTP Request/Response, Ajax
Languages – Javascript, Python, Swift
Databases – SQL (MySQL, SQLite), NoSQL (MongoDB), Mongoose.js
Development Tools – AWS, Terminal, Sublime, Xcode
Methodology – OOP, MVC, RESTful Architecture, EDD, CRUD Operations
Version Control – Git/Github
Frameworks – Express.js/Socket.io, Django, Angular, Node.js, Flask

PROJECTS

WEEH: Where Eat, Eat Here – GitHub: *github.com/redyoshi33/Restaurant_app*

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

Pokedex Trivia – GitHub: *github.com/redyoshi33/Pokedex_Trivia*

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

24 Game – GitHub: github.com/redyoshi33/24cardgame

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 Aid at 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 Associate at 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