

Ryan Young

Full Stack Web Developer

Portfolio: ryoung.netlify.com

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SUMMARY

I am a full stack web developer, with proficiency in Javascript and Python, and a strong motivation to learn and grow. My passion for programming combined with my experience working in the environmental sciences field, makes me a detailed-oriented individual, able to work closely with others, and always thinking forward, as well as quick to learning new skills and technologies. I am looking for an opportunity to apply these skills and experiences to society, while continuing to learn and develop my skills.

SKILLS

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

Languages – JavaScript (ES5 and ES6), Typescript, Python, Swift

Back-End Development – MySQL, SQLite, NoSQL (MongoDB), Mongoose.js, Bcrypt

Development Tools – AWS (Amazon EC2), Bash, Sublime, npm, Postman

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

Version Control – Git/Github

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

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

PROJECTS

[WEEH: Where Eat, Eat Here](#)

Placed 1st in a 24 Hour Python Hackathon amongst 4 teams.

Description: A restaurant finding web application that uses the cuisine preferences of multiple users to select up to three restaurants around a given location.

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

[Pokedex Trivia](#)

Placed 1st in a 24 Hour Swift Hackathon amongst 8 teams.

Description: A trivia iOS application that makes API calls to pull descriptions about a random Pokemon and allows the user to guess which Pokemon.

- Worked independently, built the UI and the logic for API calls, and then displays information onto the View Controller.
- **Technologies:** Swift, Pokemon API, Core Data, AV Foundation.

[24 Game](#)

Currently deployed on Amazon EC2.

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:** JavaScript, Express.js, Node.js, Angular, Socket.io, Bootstrap

EXPERIENCE

Coding Dojo, San Jose, CA

Jan 2018 – Apr 2018

Certificate of Completion – Full Stack Web Developer

- Dedicated over 1000+ hours of coding learning Javascript, Python, and Swift, as well as utilizing different frameworks, such as Django and Node.js, and implementing databases, like MongoDB, for back-end. Gained experience deploying projects using AWS.
- Placed first in two 24 hour hackathons and received full marks on industry level exams and awarded triple black belts (highest accolade).
- Helped multiple classmates with learning the fundamentals of front-end and back-end development and building multiple web applications and projects using various wireframes.

Scientific Aid, California Department of Fish and Wildlife

Stockton, CA

Nov 2015 – Jan 2018

- Worked with a field crew of 5-6 people to collect biological samples from the San Francisco Estuary year round. Recorded data and managed the population monitoring database that multiple environmental groups throughout the state relied on.
- Achieved a reduction of 30% in training time for new recruits by revamping protocols for processing biological samples.

EDUCATION

University of California Davis, Davis, CA

Sept 2011 – Jun 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>

Awards

- **Taiwan Tech Trek 2014 2nd Place Award**, Second place award at the Academic Conference in the field of Life Sciences.