

OCEAN RONQUILLO MORGAN

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 Los Angeles, CA  OceanRonquilloMorgan

EDUCATION

University of Southern California

Computer Science and Business
Administration (B.S.)
2016 - 2020

SKILLS

LANGUAGES

Java, Python, C / C++, HTML / CSS, Javascript

FRAMEWORKS / TECHNOLOGIES

Node.js, Express, React.js, React Native, Vue.js,
MongoDB, PostgreSQL, Django

BUSINESS

Digital Marketing, Google Analytics, Search
Engine Optimization (SEO)

OTHER

Web Development, Mobile Development,
Cinematography, Videography, Photography

ORGANIZATIONS

Jopwell | Campus Ambassador

Jun 2018 - Present

Empowered and connected Black, Latinx and
Native American students with job opportunities
at the University of Southern California.
Engaged in campus outreach events including
class talks, social media campaigns, campus
events and more.

AthenaHacks | AthenaSquared Committee

Aug 2017 - Present

Assisted with videography and photography at
the all-female hackathon.

Scope USC | Student Developer

Jan 2017 - Present

Software engineering club, selected with a less
than 10% acceptance rate. Built several web and
mobile applications. Learned React.js in spring
2017, React Native in fall 2017, and DevOps,
Node.js, and Express in spring 2018.

EXPERIENCE

World Economic Forum | Software Engineering Intern

Geneva, CH | July 2018 - Present | www.weforum.org

- Built dashboards and interfaces using Python, Django, and HTML/CSS for web applications
- Developed databases with PostgreSQL from data collected via web scraping and APIs
- Designed visualizations and reports for the Media Relations team to assist in conveying the Forum's mission and enhancing its brand and engagement on a global scale

SB Digital Agency | Web Developer Intern

Los Angeles, CA | April 2018 - Present | sdigitalagency.com

- Spearheaded the creation of a new landing page for the purpose of generating leads in the restaurant business
- Bolstered a sales funnel to capture those in the market using an automated workflow via mailing list subscriptions
- Assisted in the development of the WordPress based website maintained using HTML/CSS, Javascript, and PHP
- Tracked analytical trends using the Yoast premium plugin to bolster search engine optimization (SEO)

HackSC Junior | Director of Marketing and Organizer

Los Angeles, CA | Sept 2017 - Present | hackscjr.org

- Doubled previous year's attendance by recruiting 300+ middle schoolers and high schoolers with a minority focus for the 2018 pre-college hackathon
- Revamped the HackSC Junior website using HTML5 and CSS to create a more responsive design
- Extended social media presence on Facebook, Instagram, and Twitter using professional photography / videography

PROJECTS

Emaily | MongoDB, Express, React.js, Node.js, Heroku

Full-Stack Web Application | <https://orm-emaily.herokuapp.com/>

- Built a MERN-stack service for users to send mass emails to a large list of users for the purpose of collecting feedback
- Implemented an authentication system using Passport.js and Google OAuth 2.0
- Utilized the Stripe API for handling billing and payment processing and the SendGrid API for automated emails

Bilk | Python, Django, PostgreSQL, Bootstrap, Heroku

Full-Stack Web Application | <https://bilk.herokuapp.com/>

- Developed a URL shortening service for converting long links to short snippets for better sharing across the web
- Configured unique shortcodes and dynamic link routing

Web Search Engine | C++

Backend Project

- Built a simple web search engine from scratch
- Implemented a web crawler which retrieves all pages from the web and parses through user queries

The Social Network | C++

Backend Project

- Social network model application allowing users to be added, friend connections made, etc.
- Implemented a Breadth-First Search algorithm for computing shortest paths, friend suggestions, and disjointed user sets
- Handled a user database using classes and file I/O techniques