

# 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++, HTML / CSS, Javascript

### FRAMEWORKS / TECHNOLOGIES

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

### MISC.

Git, Linux, UX/UI Design, Project Management

### BUSINESS

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

## ORGANIZATIONS

### Jopwell | Campus Ambassador

*Jun 2018 - Present*

Empowered and connected Black, Latinx and Native American students with job opportunities. Engaged in campus outreach events including social media campaigns.

### AthenaHacks | Volunteer Committee

*Aug 2017 - Present*

Southern California's premiere all-female hackathon. Selected to be a member of the AthenaSquared volunteer committee and assisted with videography and photography for the 2018 event.

### Scope USC | Student Developer

*Jan 2017 - Present*

Selective software engineering club 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

Jul 2018 - Aug 2018 | Geneva, CH | [www.weforum.org](http://www.weforum.org)

- Designed and deployed a full-stack application for the communication team's internal server which standardizes the media reporting process and dynamically configures all records into an interactive data analytics web platform
- Prototyped a front-end interface using Python, Django, HTML5, and ECharts
- Developed a comprehensive database with PostgreSQL from data scraped via a master Excel spreadsheet and Twitter's API

### SB Digital Agency | Web Developer Intern

Apr 2018 - Present | Los Angeles, CA | [sdigitalagency.com](http://sdigitalagency.com)

- Spearheaded the creation of a new landing page which procured 200+ lead generations in the first month
- Bolstered a sales funnel to capture those in the fine dining market utilizing an automated workflow via MailChimp
- Maintained the WordPress-based website using HTML/CSS, Javascript, and PHP
- Performed regular debugging to optimize web performance

### HackSC Junior | Director of Marketing and Organizer

Sept 2017 - Present | Los Angeles, CA | [hackscjr.org](http://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 Javascript to create a more responsive design
- Expanded social media presence to three additional platforms including Instagram, Twitter, and Medium

## 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 the back-end of a 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

- Developed a 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