

Reniel Ocampo

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EDUCATION

University of California Irvine Sept. 2016 – Jun. 2020
Degree: B.S. Computer Science
Specialization: Systems and Software
Awards: Dean's Honor List (8 academic quarters), Discover Scholarship
GPA: 3.641/4.0

EXPERIENCE

Undergraduate Research Assistant Jan. 2020 – Jun. 2020
UC Irvine Donald Bren School of Information & Computer Sciences

- > Developed a children's voice game as an Amazon Alexa skill in **Node.js** as the lead developer
- > Reduced codebase from approximately 1400 lines to 600 lines on top of adding new features
- > Collaborated with an agile team to research children's interactions between voice assistants
- > Featured under the UC Irvine 2020 Undergraduate Research Spotlight

Python Tutor Sept. 2019 – Dec. 2019
UC Irvine Donald Bren School of Information & Computer Sciences

- > Tutored a class of 40 students in the Introduction to Programming course at UC Irvine
- > Answered student questions related to programming and Python fundamentals
- > Received "Highly Effective" evaluations in helping understand and communicate concepts

PROJECTS

Zyllabi @ zyllabi.herokuapp.com
A full stack MERN web application that crowd-sources and organizes course syllabi from UC Irvine

- > Created a backend using a **Node.js** server with an **Express.js** built REST API and a **MongoDB** database
- > Developed the frontend with **React** using modern practices with functional components and hooks
- > Integrated **Google API** (OAuth 2.0) for authentication, **AWS S3** bucket for handling user uploads, **React Router** for navigation, **Jest** for backend integration tests, and **Heroku** for deployment
- > Designed responsive **HTML5** & **CSS3** elements and used a number of **Bootstrap** components

Clayformee @ clayformee.gtsb.io
A working, mobile-first e-commerce website for a client's online clay earring business

- > Built using the **Gatsby.js** React framework and Shopify's **Storefront API**; deployed on Gatsby Cloud
- > Developed a **Redux** store for cart functionality and interacting with Shopify
- > Styled using **Styled Components** using best practices for **HTML5** semantic elements as well as **CSS3** grid layouts, media queries and animations

Animal Actions

An Amazon Alexa skill that asks kids to follow a narrative story and answer questions using their speech input

- > Developed using **JavaScript** in a **Node.js** environment on the Alexa Developer Console
- > Proposed then headed the refactoring of the codebase alongside implementing new features such as visuals

SKILLS

Languages

Proficient: JavaScript, TypeScript, HTML5, CSS3, Java, Python
Prev. Experience: C, C++, SQL

Technologies

Proficient: React, Redux, Gatsby.js, Node.js, Express.js, MongoDB, Bootstrap, Styled Components, jQuery, Git
Prev. Experience: GraphQL, Angular, Firebase