Reniel Ocampo

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Education

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

Experience

Undergraduate Research Assistant   *Jan. 2020 – Jun. 2020*
UC Irvine Donald Bren School of Information & Computer Sciences
- Developed and published a children's voice game as an Amazon Alexa skill in Node.js
- Reduced codebase from ≈1400 lines to ≈600 lines on top of added features and functionality
- Worked with a team to research the intersections of voice interaction and game design for young children

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 Python fundamentals including simple data structures and algorithms
- Received "Highly Effective" evaluations from students in helping understand and communicate concepts

Projects

Zyllabi { https://shielded-brushlands-61437.herokuapp.com/ }
A full stack web application that crowd-sources and organizes course syllabi from UC Irvine.
- Node.js backend server with an Express-built API
- React frontend utilizing functional components and hooks
- Google API (OAuth 2.0) for authentication, AWS S3 bucket for user uploads, React Router for navigation, and Heroku for deployment
- Responsive HTML&CSS with a number of React Bootstrap components

Animal Actions
A published Alexa skill designed for kids that asks them to listen and respond to sounds of animals and their characterized actions.
- Developed using JavaScript in a Node.js environment on the Alexa Developer Console
- Proposed then led the refactoring of the codebase on top of implementing new features such as visuals
- Followed the Alexa Skills Kit online documentation throughout development

Personal Portfolio { https://ren1el.github.io/ }
A portfolio website that hosts details about me and my projects.
- Created from scratch using the Gatsby.js framework and deployed on GitHub Pages
- Uses CSS flexbox techniques and implements responsiveness through media queries
- JavaScript animations using Framer Motion API

Technical Skills

Programming Languages
- *Proficient:* JavaScript (ES6), TypeScript, Java, Python
- *Previous Experience:* C, C++, SQL

Concepts/Courses
- User interaction software, information retrieval, embedded systems

Technologies
- React, Gatsby, Node.js, Express, Bootstrap, MongoDB, jQuery, Git

Software
- Adobe Photoshop, Adobe XD, Visual Studio Code, Android Studio