

Benjamin Marimon

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bsmarimon.github.io
latest project —> innovativedesign.club

Education

08/13 - Present

University of California, Berkeley
B.S. Electrical Engineering and Computer Science

Expected Graduation:
May 2017

GPA:
3.2

Professional Experience

05/15 - 08/15

Rambus

Cryptography Research Division, IT Infrastructure Intern

- Wrote Python scripts to collect data from the company's compute servers, built a web app to aggregate and graph the data in real time
- Worked on developing a web dashboard to display analytics from CRD department systems

Personal Projects

Innovative Design

- Redesigned the website for Innovative Design, a student-lead creative organization at Berkeley, using **Meteor.js**
- Built a content management system to render team portfolios and upload design work to Amazon S3 servers
- Integrated CMS into pre-existing pages used to teach a design class, giving instructors more control over material

Indian Students Association

- Handled the rebranding of ISA and the construction of their new website using **Meteor.js** and **React**
- Implemented a simple content management system, worked on page designs with other developers

Resistor Finder

- Built a **Java** application to calculate resistance values based on resistor bands, or calculate the correct band order to achieve a certain resistance, created an interface for users

Premed@Berkeley

- Led a team of developers to redesign the website for a premed student organization
- Built a click-and-edit content management system for admins with **Meteor.js**, inspired by the method in which LinkedIn lets users edit their profiles

Organizations

05/15 - Present

Innovative Design

VP of Technology, Web Team Leader

- Lead a team of full-stack web developers to design and build websites for clients
- Teach web development basics and UI/UX design principles to a class of a dozen beginner students

01/16 - Present

Institute of Electrical and Electronics Engineers (IEEE)

Website Officer

- Working on adding new features and content for administrators to the organization website
- Involved in updating site to a newer version of **Ruby on Rails**

Coursework

* currently enrolled

Structure and Interpretation of Computer Programs

Data Structures and Algorithmic Analysis

Machine Structures

Introduction to Artificial Intelligence

Database Systems

Efficient Algorithms and Intractable Problems

Computer Security *

Operating Systems *

Programming Experience

Proficient in: Python, Java, C, HTML & CSS, JavaScript, jQuery, Meteor.js

Experience in: Ruby, SQL, React, Ruby on Rails, Node.js

Exposure to: Angular.js

Other Skills: Python & Bash scripting, Git