

Maya Man

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github: mayaman

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Education

Pomona College, Claremont, CA

Bachelor of Arts in Computer Science & Media Studies

May 2018

GPA: 3.94

Relevant coursework: Data Structures and Advanced Programming; Fundamentals of Computer Science; Computability & Logic; Digital Media Studies; Robotics, Digital Art, and the Environment; Art, Science, and Technology; Linear Algebra; Discrete Mathematics; Cognitive Science

Skills

Java, JavaScript, HTML, CSS, Node.js, Processing, p5.js, Arduino, Git, Video Editing, Design

Related Experience

Engineering Practicum Intern, Google, Mountain View, CA

5/23/16 – 8/12/16

- Worked on the Experience Centers team to engineer the front end display of an [interactive exhibit](#) in an immersive space with projectors on all walls and the floor; involved Node.js, Firebase, p5.js, the Youtube API, and the integration of Kinect sensors for motion tracking
- Practiced iterative design in order to create the most pleasing user interaction possible, surveyed others to get feedback on prototypes, executed the design thinking process as a guideline for brainstorming
- Made the program configurable: users can type in up to six countries of their choosing and see the whole exhibit change based around those regions' data
- Implemented an interaction system that responds to users' location in the space
- Wrote scripts to connect the persistent database with the Youtube API and extract dominant colors from video thumbnails

Teacher Assistant, [The Flatiron School](#), New York, NY

7/20/15 – 7/31/15

- Taught high school students software engineering in Ruby, HTML, CSS through lectures, labs, and projects

Google Summer of Code Student, [The Processing Foundation](#)

5/25/15 – 8/21/15

- Rebuilt the p5.js website to support internationalization using Node.js, Assemble, Handlebars, & YAML
- Managed the writing, filming, and interactive elements of the p5.js Community Statement video

Intern, [Interactive Telecommunications Program \(ITP\) NYU](#)

6/1/15 – 7/20/15

- Led and assisted classes for adults during ITP Camp such as: JavaScript for Beginners, Build a Chrome Extension, and Intro to p5.js

Projects

see www.mayaman.cc for portfolio