SHAUN CAYABYAB

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PROJECTS

(viewable @ github.com/ShaunCayabyab)

Birds of Paradise | *Twitter Visualization Application*
- Node.js application using Twitter's streaming API to create bird songs from incoming Tweets about birds
- Socket.io to send Twitter stream from server to client, and Howler.js to handle audio playback of bird calls
- Gained knowledge about stream API implementation, SVG graphics and animation basics, and web audio basics

LikeArchive | *Tumblr Liked Posts Application*
- Use of Tumblr API and PHP client to create organized view of a user's liked posts
- AJAX for HTTP requests through PHP client to update posts, and Handlebars.js for view templating
- Learned to apply asynchronous programming and view templating for web applications

k-means.py | *Python Image Segmentation*
- Implementation of k-means clustering for image segmentation using PIL
- Produces and displays segmented image using found RGB central values

ADDITIONAL EXPERIENCE

Student Web Developer | *University of Connecticut*   (10/2016 - 05/2017)
- Assisted University Communications in the creation of web pages and applications for UConn public relations
- Developed a WordPress plugin to grab headlines from today.uconn.edu and an AngularJS directory application
- Gained knowledge about the professional development process, as well as standards for university websites

Graduate Assistant | *University of Connecticut*   (08/2015 - 05/2017)
- Managed percussion equipment in the Music Department and coordinated percussion access and usage
- Assistant Director of the UConn Percussion Ensemble: directed rehearsals and conducted for concerts

EDUCATION

M.M. Music Performance - Percussion   (2017)
University of Connecticut | Storrs, CT
- GPA: 4.03/4.00

B.A. Computer Science, B.M. Music Composition   (2015)
University of Rhode Island | Kingston, RI - Cum Laude
- Dean's List for 7 semesters
- 2015 URI Concerto Competition Winner

SKILLS

Languages
- **Proficient:** JavaScript, HTML, CSS, PHP
- **Familiar:** Java, Python, SQL/MySQL

Frameworks/Libraries
- jQuery, Bootstrap, WordPress

Tools
- Git, Docker, Composer, Gulp, Sass, Adobe Creative Suite

Learning
- Node.js, AngularJS, Express.js

Traits
- Dedicated to work, Quick learner, Team player, Self-starter, Organized, Creative