JS

JSCONF HAWAI'I | Feb 5-7, 2020

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PROGRAM

WELCOME TO HNL

Whether you've traveled down the street or across the world to be here, we hope that you feel at home here with your fellow developers over the next few days. When we set out to create this conference, we hoped to bring a massive diversity of people from around the world together to share ideas. So often we live in the confines of our office, our open-source project, our Twitter networks or our cities. We believe bringing people together in-person is the best way to build empathy for each other, the users we serve in our day jobs, and the technologies we use.

Our mission is to provide a fun, unique and welcoming environment where diversity thrives and attendees can come together to discuss JavaScript as a technology and grow it as a community.

From that, we developed three values we hope you'll embrace over your time here.

Community
We hope to create an environment that encourages new connections and invigorates old ones, where individuals can come together to discuss JavaScript as a technology and grow it together, as a community. Get out there and say hi to someone new!

Diversity
Our mission is to provide a space that is welcoming and inclusive of all identities and backgrounds, to support underrepresented communities, and foster connections that will help launch new ideas and people into the tech community.

Fun
We don't take ourselves too seriously. We believe a fun and authentic atmosphere is the most reflective of our community and our passion. It is our hope that our lively and honest nature shines through.

Honolulu
We are very lucky to be able to host JSConf in such a beautiful location. We've been shown so much aloha by the people who welcome us to the island, and we ask you to take a few minutes of your visit to give back some of that same kind spirit. Thank those around you at the hotel and at activities who help make your journey special, clean up your trash to give time back to the staff, or shout-out a speaker who shared some new insights.

As a conference, we also try to help grow the family and connect with the island that hosts us. With help from our generous sponsors, we are lucky to be able to welcome opportunity scholars from the local community, and to be able to offer discounted Kama'aina tickets for locals.

Some of our gap day activities are also run through a local non-profit and include a service or donation aspect that helps to improve the lives and environment around us.

In addition, we're allowing our attendees to opt-out of swag and instead donate that money to a local non-profit. Last year, we donated to Pu'uhonua O Wai'anae, represented by the non-profit Aloha Lives Here.

THE COMMUNITY

They support a local unhoused community of about 250 people, most of whom are Native Hawaiian. Just a few weeks ago, they announced that they raised enough money to buy a parcel of land from the State to help them with their unique approach to addressing homelessness within the Wai'anae community. They are now moving onto the second stage of fundraising for construction.

However you give back, we thank you for attending and bringing your energy and vibrance to this special place.

Mahalo Nui Loa!
The JSConf Hawai'i Organizers.

Charlie Croom
@CharlieCroom

Jon Kuperman
@jkup

Kelly King
@kng

Jade Loyzaga
@jadeloyzaga

Jason Sewell
@sewell_jason

Edward White
@SpyHI

Build beautiful video.

We develop video infrastructure and monitoring tools for developers and publishers of online video. Mux is an API-first platform, powered by data and designed by video experts, that makes it easy to build beautiful video.

STEP 1

POST a video to the Mux API

```
{
  "input": "[your _video_URL.mp4)",
  "playback_policy": "public"
}
```

STEP 2

Stream it anywhere

Add the Playback ID to stream.mux.com and you're ready to integrate with any video player.

```
https://stream.mux.com/
[playbackID].m3u8
```

MUX   mux.com   @muxhq

SCHEDULE

2:30PM - 5PM

CHECK IN
Alohilani O Bar Gallery, Level A
Look for JSConf volunteers in shirts & our banner.
We will have your swag bag, lanyard, and any "plus
1" tickets you purchased in advance. If you don't
have a gap day activity, you can sign up for one
during check-in.

6PM - 9PM

DINNER ROULETTE
Various
We've picked some amazing places to dine &
reserved a few tables for JSConf folks & it's another
great chance to meet new folks or enjoy the amazing
restaurant scene in Waikiki with your group. Sign up
will be available at the Conference check in. Space is
limited.

9PM - 10PM

LATE CHECK IN
Alohilani O Bar Gallery, Level A
For those on later flights, come grab your badge!

WEDNESDAY

8AM

CHECK IN & BREAKFAST
Alohilani Ballroom, Level 6

8:45AM

WELCOME & INTRO
by organizers and hosts

WEDNESDAY++

9AM	**THE POWER TO THINK LIKE A NATIVE HAWAIIAN IN TECH** *by Taylor Ho*
9:30AM	**STRIKE A POSE - GESTURE RECOGNITION IN JAVASCRIPT WITH MACHINE LEARNING & ARDUINO** *by Charlie Gerard*
10AM	**DESIGNING EVEN LARGER (JAVASCRIPT) APPLICATIONS** *by Malte Ubl*
10:30AM	**COFFEE BREAK**
11AM	**PARSING PARSERS** *by Jenna Zeigen*
11:30AM	**THE "PERFECT" LIBRARY TOOLING** *by Ben Ilegbodu*
12PM	**LUNCH**
1PM	**NO WAY, JOSE!** *by Sam Bellen*
1:30PM	**LOOK AT WHAT YOU MIDI ME DO** *by Rachel White*
2PM	**THE ASYNCHRONOUS ENTERPRISE** *by Brendan O'Leary*
2:30PM	**SNACK BREAK**

3PM | **VARIABLE FONTS AND RESPONSIVE TYPOGRAPHY**
by Mandy Michael

3:30PM | **IMPACTFUL ACCESSIBILITY - THE CHANGES THAT MEAN THE MOST**
by Lindsey Dragun

4PM | **A SEAT AT THE TABLE: BUILDING INCLUSIVE ECOSYSTEMS**
by Erica Stanley

6PM-9PM | **AFTER-PARTY**
Honolulu Aquairum
A JS community celebration featuring aquarium exhibits, lei-making and live music. Dinner and drinks are provided. Family + friends are welcome with purchase of additional ticket.

THURSDAY

Meet at the Alohilani lobby by the aquarium for your Gap Day group's departure. *Please note that activities are pre-assigned. Email help@jsconfhi.com if you do not have a Gap Day activity.*

7AM | Snorkeling tour at Hanauma Bay with Kelly

7:45AM | Secret Island at Kualoa Beach

7:55AM | Mana Yoga & Beach Cleanup at Waikiki Beach

8:30AM | Snorkeling Tour at Hanauma Bay with Jon

12-5PM | Board Game Con, Nail Con and mingling (come any time, plus ones welcome!)

1PM | Waikiki Walk Story & Hula

3:45PM | Sunset Cruise at Waikiki Beach

5:15PM | Evening Luau at Hale Koa

8AM   CHECK IN & BREAKFAST
Alohilani Ballroom, Level 6

9AM   DIGITAL WITCHCRAFT: USING MAGICAL
THINKING FOR ADVANCED DIGITAL
DESIGN
by Danae Valentina

9:30AM   ADVANCED DESIGN SYSTEM
CONSIDERATIONS
by Alex Sexton

10AM   USING MACHINE LEARNING TO IMPROVE
UI/UX
by Milecia McGregor

10:30AM   COFFEE BREAK

11AM   YOUR TESTS LACK VISION: ADDING EYES
TO YOUR AUTOMATION FRAMEWORK
by Angie Jones

11:30AM   KILL ALL MUTANTS! (INTRO TO
MUTATION TESTING)
by Dave Aronson

12PM   LUNCH

1PM   HOW TO WAIT
by Max Goodhart

1:30PM   A CRASH COURSE ON WORKER THREADS
by Rich Trott

JSCONF CROSSWORD

By Charlie Croom

CLUES

Across

1 A property affecting taste
6 Delt neighbor
9 Older encryption enabler for a website
12 ___ Creed (statement of religious beliefs)
13 Effortlessly
15 Main course
16 Like some tech workers, allegedly
17 * Locale
19 Range units: Abbr.
20 Yoga surface
21 #@&% result, maybe
24 "... ___ quit!"
25 Patronize, as a store
28 Set, for one
29 * Common tool
31 Code's home, for short
32 Techies favorite transportation method?
33 Console
35 Recruiter skill, perhaps
38 *Like some attendees, perhaps
45 Delicious 2012 Tech I.P.O.
46 Bar lineup
47 Lazy turndown
48 Alma Matter for many a C.S. M.S.
49 Like ripped jeans, once
50 Summary letters online
51 The main event, or a hint to several clues in this puzzle
56 1:1, perhaps
59 Michigan ale named after a Shakespeare king
60 Like many posts in /r/ HighQualityGIFs
61 Well played, in e-sports
62 Measure of bit rate and jitter, briefly
63 Console
64 Fragrant compound

Down

1 His first #1 song was "All or Nothing at All"
2 Like light that causes chemical change
3 Free lunch or PTO, e.g.
4 That's ___ haven't heard
5 The new Theon Greyjoy
6 Batter's grip-enhancing goo
7 ___ Candy, Wonder Woman's best friend
8 À la mode
9 My Gal ___
10 Early CPU Instruction Set
11 Common breadboard peripheral, for short
12 One reading up on infant care, maybe
13 Progressive follower
14 Crypt. Currency
18 Don't worry about me
21 Modern sweetie
22 Structured, lite website format
23 Nerd hero, in film
25 ...-...-...
26 Shaw partner, recently
27 Conference SWAG, perhaps
28 Electrical system
30 Refresh, as a thread
34 Things that might lead to job referrals
35 Like some b. trees
36 Louvre pyramid designer
37 Accessible attr.
39 Certain informal, post-WWII parties
40 Invented, as a term
41 Head: Ger
42 Zoom in on
43 One who Hams it up?
44 Holy sanctuary
50 Online debate unit, maybe
51 ___ and the Holograms
52 Obsessive fan
53 Give proper attribution
54 ESPN football analyst Merril ___
55 Fivers
56 Help section, briefly
57 Year in Spain
58 Prefix with gender

2PM	**THE ART OF CODE COMMENTS** *by Sarah Drasner*
2:30PM	**SNACK BREAK**
3PM	**REACT, VUE, & SVELTE AS TEEN MOVIE ARCHETYPES** *by Leta Keane*
3:30PM	**CUSTOM HOOKS IN REACT: THE ULTIMATE UI ABSTRACTION LAYER YOU'RE MISSING OUT ON** *by Tanner Linsley*
4PM	**PROGRESSIVE RENDERING — IMPROVE WEB APPLICATION PERFORMANCE ON SLOWER NETWORKS** *by Dinesh Pandiyan*
4:30PM	**TC39 PANEL** *moderated by Cassidy Williams*
5:30PM -7:30PM	**AFTER-PARTY** *Swell Bar & Pool (Alohilani, Level 5)* Join us for final farewells and drinks. Plus ones are welcome!

INFO

Communicating
If you are discussing the talks, looking for help, or trying to find a good beach to visit. Tweet using #jsconfhi. You can also join our slack by using slack.jsconfhi.com

Help
We're here to make sure you have a great conference experience! We'll make announcements during the talks if we need to communicate important changes. We may also tweet from @ jsconfhi during the event with important information.

If you have any questions, we'll have an information desk with volunteers where you can get help. Both volunteers and organizers will be wearing easy to identify t-shirts.
Please remember to review our Code of Conduct before arriving; We want everyone to make every effort to be excellent to each other. If you need to report something, you can do it:
Anonymous: Text 1-(334)-292-4040
In person: Find an organizer, or email coc@jsconfhi.com

Free Headshots
This is a special perk we're excited to offer. Whether it's your first conference, or your fifteenth, we want to encourage more people to get involved with speaking and/or help you with your Broadway debut. To that end, we'll be offering free headshots during the conference. During morning break, and part of lunch (depending on availability and demand) our professional photographer will be set up to snap a photo that you can use. Photos will be available in a large dump after the conference we'll send all attendees a link.

As this is a limited resource, please show up early and be patient if you'd like one. We ask that if you already have headshots, or have other access to headshots, you leave this service for those who need one first!

Food
We'll do our best to honor all dietary requirements. If you listed one and the given meals do not match (e.g. sandwiches + gluten-free), please see the hotel staff at the special food table as they should have gluten- free bread for you, but it may not be out.

Hotel
If you are not staying at the hotel, we encourage you to walk or transit each day. Parking is limited and costs $10 during the day.

We advise calling the hotel to schedule spa or lessons if you are interested. In addition, any other hotel related questions during your stay can be directed to hotel staff.

Conference Space
JSConf Hawai'i will be in Alohilani Ballroom, located on the 6th floor. You can get there by taking the elevators at the parking lot and valet area at ground level to the Alohilani Ballroom.

The conference area is also accessible via the south elevators (Seascape) from the lobby by the O-bar, and then follow signs to the Alohilani Ballroom (walking through a hallway).

FAQ

Where do I go if I have a question?
Stop by the information table outside the ballroom! We'll have volunteers and organizers there during conference hours to help with any questions you have. You can also send us an email team@jsconfhi.com or tweet us @jsconfhi.

How do I plan things with other attendees?
Tweeting about it using the hashtag #JsConfHI is probably the best way to get the word out if you are planning a fun excursion or want to meet-up. Keep an eye on that hashtag to see what others are planning or doing. In addition, we have a lounge area and table space in Hall A. This is a great place to connect with others about an OSS project, or just pass the time with new friends. Feel free to make that space your own!

What should I do before/after the conference?
All our volunteers live in Hawaii, so ask any of them for great recommendations about what to do or where to eat. There's also a few resources generated by other attendees that you can check out on our Twitter.

What's up with the different lanyard colors?
The lanyard colors indicate if someone is comfortable with having their picture taken. Yellow means they'd like to be asked before having their picture taken, red means to avoid taking their picture. We ask that you respect their decisions as much as possible when documenting your experiences, and when in doubt, ask first. You can learn more about this in our Code of Conduct.

I don't have a Gap Day activity
Come see us ASAP at the information table. We'll get you assigned to one that still has space remaining. You should do this before the start of the sessions or we may reassign your spot.

I want to change / cancel my Gap Day activity
As we have a limited amount of space, we appreciate you letting us know if you can't make it to your activity so that we can give the space to others. If you need to change, we'll also try to swap you around if we still have room. Either way, stop by the table and let us know.

FAQ

I want to bring additional people to my Gap Day activity
If you filled out the Google form survey ahead of time with +1's, all you need to do is ensure you've purchased the add-on tickets for them from Tito at https://ti.to/jsconf-hawaii/2020/discount/GAPDAY

If there are additional people that were not on the form. Please check in with us after lunch on Wednesday and we'll do our best to accommodate them. Even if you bought an extra ticket for them, we cannot accommodate them if they were not on the initial form since we have very exact counts for some activities.

I want to go to more than one Gap Day activity
Some activities are tightly space constrained, and we want to make sure that all attendees have the chance to go to at least one activity first. If you would like to attend a second, please stop by the info table after lunch on Wednesday and we will let you know if there's extra room. Alternatively, you may wait in the lobby Thursday morning to see if there are any cancellations, please identify yourself to an organizer as someone on the waitlist.

Board games and the afternoon hang out do not count as an activity and are open to all, so feel free to drop by and lounge before or after your other plans.

Websites

Stories

Ads

Emails

The AMP Project is proud to support opportunity scholarships at JSConf HI

*Learn more about how we're empowering user-first web experiences at **amp.dev** or **@amphtml***

CODE OF CONDUCT

Purpose

JSConf Hawaiʻi is dedicated to providing a harassment-free conference experience
for everyone, regardless of gender, gender identity and expression, sexual orientation, disability, physical appearance,
body size, race, age, religion or lack thereof. We do not tolerate harassment of conference participants in any form. Sexual language and imagery is not appropriate for any conference venue, including talks. Conference participants violating these rules may be sanctioned or expelled from the conference without a refund at the discretion of the conference organisers.

Reporting

If someone makes you or anyone else feel unsafe or unwelcome, please report it as soon as possible. Conference staff can be identified by t-shirts. Harassment and other Code of Conduct violations reduce the value of our event for everyone. We want you to be happy at our event. People like you make our event a better place. You can make a report either personally or anonymously.

Anonymous: Text 1-(334)-292-4040
In person: Find an organizer, or email coc@jsconfhi.com

When taking a personal report, our staff will ensure you are safe and cannot be overheard. They may involve other event staff to ensure your report is managed properly. Once safe, we'll ask you to tell us about what happened. This can be upsetting, but we'll handle it as respectfully as possible, and you can bring someone to support you. You won't be asked to confront anyone and

Our team will be happy to help you contact hotel/venue security, local law enforcement, local support services, provide escorts, or otherwise assist you to feel safe for the duration of the event. We value your attendance.

Photo policy

We will have colored lanyards for attendees to indicate their comfort level with being photographed:

Yellow: ask beforehand
Red: please avoid photographing

In case of any doubt, always ask before taking photographs of attendees, speakers or staff.

ANTI-HARASSMENT

Harassment includes, but is not limited to:
- Verbal comments that reinforce social structures of domination related to gender, gender identity and expression, sexual orientation, disability, physical appearance, body size, race, age, religion
- Sexual images in public spaces
- Deliberate intimidation, stalking, or following
- Harassing photography or recording
- Sustained disruption of talks or other events
- Inappropriate physical contact
- Invasion of personal space
- Unwelcome sexual attention
- Advocating for, or encouraging, any of the above behaviour

INCLUSIVE LANGUAGE

In our commitment to a harassment-free and inclusive environment we strongly believe it's important to pay attention to

Ableism

Words like "crazy", "dumb", "insane" or "lame" are examples of ableist language, devaluating people who have physical or mental disabilities. Its appearance often stems not from any intentional desire to offend, but from our innate sense of what it means to be normal. These words can be avoided by using more fitting, clearer descriptions of what we want to communicate.

Sexism

Using gendered terms like "dude" or "guys" to address a mixed-gendered group of people contributes to furthering exclusion of underrepresented individuals.
We strongly advise avoiding gendered pronouns as well as gendered terms.
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Enforcement

Participants asked to stop any harassing behavior are expected to comply immediately.

If a participant engages in harassing behaviour, event organisers retain the right to take any actions to keep the event a welcoming environment for all participants. This includes warning the offender or expulsion from the conference with no refund.

Event organisers may take action to address anything designed to, or with the clear impact of, disrupting the event or making the environment hostile for any participants. We expect participants to follow these rules at all event venues and event-related social activities. We think people should follow these rules outside event activities too!

Attribution: Based on JS Conf EU, CSSConf / JSConf AU, The Geek Feminism wiki, Valerie Aurora and Conference Code of Conduct.

Google would like to chat JS with you!

We would love to get insights regarding some tools you may be using including:

3 easy ways to help make the web better for devs:

Option 1: Chat with us at our booth
Option 2: Take our quick survey
Option 3: Follow up via email

Looking forward to chatting JS!

Survey: https://bit.ly/38HvoLw
Email: jsconf-followup-google@googlegroups.com

Survey

Email

SPONSORS

Google

Gold

MUX

Gold

AMP

Diversity

Microsoft Azure

Diversity

moz://a

Caption