

Bradford Baris

brad@nomadspaceship.com

(808) 652-6045

FULL STACK WEB DEVELOPER / SOFTWARE ENGINEER

Experienced versatelist with a proven track record of delivering result-oriented solutions effectively and efficiently. Classically-trained in software engineering and graphic design, I use a holistic approach to improve product and process.

WORK EXPERIENCE



BRADBARIS



@BRADBARIS



BRADBARIS



BRADBARIS.COM

State of Hawaii ETS

Senior Web Architect
02/2022 - Present

- Administration, maintenance, and architecture of many IT systems and applications supporting the State of Hawaii, often on AWS, Azure, or GCP.
- Emphasis on devops and automation to simplify operator load and reduce errors.

HART

Computer Programmer III
(Database Manager)
09/2018 - 02/2020

- First of a new team brought in to diagnose, fix, and migrate enterprise systems for the Honolulu Rail project — the state of Hawaii's largest civil infrastructure project in history.
- Maintained and developed for production databases (Oracle, SharePoint, FileMaker).
- Optimized and automated tasks (PL/SQL, PowerShell, Bash), business intelligence reports.
- Handled cross-functional liaisons, including help desk support and external legal requests.

Superb Internet Full Stack Web Developer

10/2017 - 09/2018

- Led development and launch of internal dashboard, delivering it in three months.
- Initiated new internal redesign projects for websites and knowledge base resources.
- Independently developed new features for core IaaS product, online marketing initiative.
- Refactored legacy code, including dependencies, integrations, checkout/payment flows.

Chaminade University Developer

06/2016 - 01/2017

- First hire in brand-new department created to provide marketing capabilities.
- Created official marketing email operation, from vendor calls up to design/develop/deploy.
- Analyzed marketing data and presented findings to senior executive management.
- Worked on Drupal sites hosted on Drupal Cloud (Acquia), and internal WordPress sites.
- Spearheaded efforts to improve institution-wide cooperation with Workplace From Facebook.

DTL

Developer & Designer
08/2015 - 01/2016

- First technical hire in new marketing startup within an architecture firm.
- Performed web development (Drupal/WordPress) and graphic design for marketing assets.
- System administration duties from configuration (AWS) to malware removal (WordPress).

University of Hawai'i College of Natural Sciences Graphic Designer

11/2013 - 05/2015

- Designed inaugural Annual Report detailing latest metrics, programs, and hires.
- Designed print marketing assets for all departments (i.e. Physics, Math, Biology, Botany, et al).
- Produced event signage and performed event photography for on-site events.

JBPHH Navy MWR Visual Info Specialist

12/2011 - 03/2013

- Involved in all stages of production of Great Life Hawai'i Magazine, from photography to magazine design, prepress, mass production printing at the in-house printshop.
- Worked on special projects for internal JBPHH clients.

アロハ・ストリート (Aloha Street Magazine) Lead Graphic Designer

12/2010 - 03/2011

- Led international migration of magazine print operations, delivering weeks ahead of schedule.
- Greatly improved process, enabling company to move from quarterly to monthly issue cycle.
- Managed the production of client ads (300+), print assets, photography, templates, vendors.
- Performed managerial duties, including interviewing, hiring, and mentoring a junior designer.

PacificBasin Comms Associate Art Director

05/2010 - 09/2010

- Contracted to design magazine issues and ads for Hawai'i Business Magazine.
- Produced photography assets, including scheduling and directing shots.

University of Hawai'i Honors Program Developer & Designer

01/2006 - 05/2009

- Designed university department brand identity system, marketing assets, office signage.
- Developed websites in accordance to institutional requirements and limitations.

HACKATHON AWARDS

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| AT&T Hackathon 2018
“Best UI/UX/Design” | <ul style="list-style-type: none">• Created a geolocation-based content app for public artworks named ART&FACT (Artifact).• A solo project, coded with Expo & React Native, assembled from public datasets. |
| AT&T Hackathon 2017
“Most Technically Challenging” | <ul style="list-style-type: none">• Created a RFID payment card demo mocking the integration of bus/bike/rail transit systems.• Learned about RFID card internals, RFID read/write systems, Raspberry Pi, Arduino Uno. |
| NASA Space Apps 2016 Honolulu
“Best Overall”
Global Nomination | <ul style="list-style-type: none">• Worked on an all-star team with staff from HIMB and NOAA and the Hawaiian community to produce a data-driven outreach project highlighting the global coral bleaching issue and its local ecological effects. |
| AT&T Hackathon 2016
Grand Prize +
Harman Kardon Prize | <ul style="list-style-type: none">• Worked with a team to create an IoT project management app with real-time updates.• Integrated Harman Kardon audio API for audio status updates, winning a second category. |
| AT&T Hackathon 2015
“Best UI/UX/Design” | <ul style="list-style-type: none">• Worked with a team to build a Waze clone, visualizing mock island traffic data on an map. |
| UBER Hawaii Hackathon 2015
“Best Design” | <ul style="list-style-type: none">• Helped develop a curated listing of local businesses, with functionality to request an Uber. |
| Startup Weekend Honolulu 2013
“Honorable Mention” | <ul style="list-style-type: none">• Worked on a team to brainstorm an AirBnB clone for unused hotel capacity.• Designed the branding, website, presentation, earning informal accolades from judges. |

INTERNSHIPS

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| PacificBasin Comms
Web Editor
01/2010 - 05/2010 | <ul style="list-style-type: none">• Researched and wrote content and blogs for Honolulu Magazine.• Managed social media and online events calendar.• Automated PDF data extraction to build datasets for analytical purposes. |
| University of Hawai'i
Dept of Info & CompSci
Lab Assistant
08/2004 - 12/2006 | <ul style="list-style-type: none">• Assisted with teaching introductory computing lab courses.• Taught material on XHTML, CSS, FTP, SVG, Adobe software, MS Office suite, Unix CLI.• Held weekly office hours to support students. |
| County of Kaua'i
Dept of Finance, R&D
Computer Programmer
05/2004 - 08/2004 | <ul style="list-style-type: none">• Automated AS/400 mainframe backup and migration, finishing in days instead of months.• Assisted IT division with assembly-line workstation setup and rollout. |

EDUCATION

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| DevLeague
01/2015 - 04/2015 | Certificate in Software Development
Intensive 900-hour bootcamp for full stack web development in Node.js JavaScript. |
| University of Hawai'i
Manoa Campus
08/2003 - 05/2010 | BA in Studio Art (Graphic Design)
With substantial coursework in Computer Science (3 years), Japanese (3 years). |