

BRAD BARIS

FULL-STACK WEB ENGINEER

APPLICATIONS • DATA • DESIGN/UX • MARKETING • DEVOPS • CYBERSECURITY

NODE.JS • PHP • PYTHON • AWS • HTML SINCE 1995

Lifelong Generalist with Versatelist tendencies. Formal background in software engineering and graphic design.

Expanding interest in big data, enterprise systems, solutions architecture, cybersecurity.

Recently attended AWS re:Invent 2018, and looking to delve into modern cloud infrastructures.

- Computer Programmer** Brought in to diagnose and fix enterprise software IT systems for the Honolulu Rail Transit project. Performed Oracle system administration, BI reporting, dataops and ETL, migration planning, business process improvement, end user support, and more.
HART
2018 – Present
- Full-stack Web Developer** Software engineering and design for an IaaS cloud/datacenter company. Implemented new product features, portal redesigns, main site redesign (internal), UX and server performance, security/compliance maintenance, customer support, and more.
Superb Internet
2017 – 2018
- Email & Web Developer** First hire in new comms department. Created official marketing email business process, from provisioning to workflow, design, develop, and deployment. Worked on Drupal/WordPress sites, data analytics. Spearheaded efforts to improve cross-departmental communications.
Chaminade University
2016 – 2017
- Developer & Designer** First technical hire in marketing company based out of an architecture firm.
DTL
2015 – 2016
Performed web development and graphic design, marketing collateral, AWS administration and system hardening for multiple WordPress/Drupal projects.
- Graphic Designer** 90% remote position, for the College of Natural Sciences. Worked on marketing collateral for each of the departments, deans, programs, and events, such as branding assets, reports and brochures, email development, photography assignments, etc.
University of Hawai'i - Mānoa
2013 – 2015
- Visual Information Specialist** Involved in all stages of production of Great Life Hawai'i Magazine, from photography to designing ads & magazine, print/web marketing collateral, commercial-scale proofing and printing at the inhouse printshop. Worked on special projects for internal clients.
JBPHH Navy MWR
2011 – 2013
- Lead Graphic Designer** Handled international migration of print operations and overhauled production process of Aloha Street Magazine— as a result, business was able to publish monthly instead of quarterly. Did everything from print collateral to client ads to interviewing/training staff.
Wincubic.com, Inc.
2010 – 2011
- Associate Art Director** Art direction for Hawaii Business Magazine. Designed editorial layouts and client ads, photoshoot direction, general website work. Also ended up doing dataset wrangling and analytics for Honolulu Magazine's "Annual Public Schools" issues for a few years.
PacificBasin Communications
2010 – 2010
- Developer & Designer** Position at Undergraduate Honors Program. Designed brand identity system, including wayfinding signage, marketing and multiple websites. Webdevelopment done using ASP on the frontend with MS Access as database, as per requirements.
University of Hawai'i - Mānoa
2006 – 2009
- ICS101 Lab Assistant** Helped run intro Computer Science lab courses for three semesters. Curriculum taught included Unix CLI fundamentals, XHTML, CSS, SVG, FTP, Dreamweaver, Photoshop, MS Office (Word, Powerpoint, Excel), and more.
University of Hawai'i - Mānoa
2004 – 2006
- Programmer** Tasked with data backup and manual migration of AS/400 mainframes. Ended up automating the process with VBA macros, and finished in days. Spent the rest of my time there helping IT support with workstation setup and rollout, end user troubleshooting.
County of Kaua'i
2004 – 2004

HACKATHON AWARDS

AT&T Hackathon 2018
"Best UI/UX/Design" Award

Created an app named ART&FACT (Artifact) to explore and promote public artworks, focusing on the 'art & facts' behind each piece. The app revolves around geocached 'tour guide' stories for public artworks, unlocked by user proximity. Working by myself, I created the concept and branding, did the data-wrangling and app development, built in Expo (React Native). It was a fully-functional app after a day.

AT&T Hackathon 2017
"Most Technically Challenging" Award

Created a proof-of-concept RFID-based card system to unify payment process for multiple public transport systems. The project was assembled with Raspberry Pi, Arduino Uno, Adafruit RN532 RFID scanner/writer, and tons of googling.

NASA Space Apps 2016 Honolulu
Best Overall, Global Nomination

Worked on a team composed of developers, marketers, researchers from HIMB and NOAA to produce an outreach project highlighting the coral bleaching issue. We mixed NASA data with locally-sourced HIMB data and Hawaiian knowledge to introduce the issue, tie-in cultural connections, while highlighting global and local effects to ecology.

AT&T Hackathon 2016
Grand Prize & Harman-Kardon Award

Collaborated with a team of four to create an IoT task management app with realtime input, from multiple devices. My contribution concentrated around the API integrations, frontend, and the audio feature.

UBER Hawaii Hackathon 2015
Design Award

Helped produce a Yelp-esque web app for local establishments, with each listing having a button to request an Uber.

AT&T Hackathon 2015
Design Award

Worked on a Waze-like app, using local city/island traffic data RSS feeds visualized with an interactive Esri map.

Startup Weekend Honolulu 2013
Design Award

Designed an AirBnB clone for unused hotel capacity. Did business design, branding, website, presentation.



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