

Aspen Hollyer

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EDUCATION

IBM WORKSHOPS

IoT and Data Analysis Lab (Sep 2018)
Enterprise Design Thinking Bootcamp
for IBM Business Partners (Aug 2018)

AWS

AWSome Day Houston (May 2018)

DIGITALCRAFTS BOOTCAMP

Computer Science Elective (Dec 2017)
Full-Stack Development (Aug 2017)

MASSACHUSETTS INSTITUTE OF TECHNOLOGY - ONLINE

Introduction to Computer Science and
Programming Using Python (2017)
Introduction to Game Design (2016)

TEXAS A&M UNIVERSITY

M.Ed., Curriculum & Instruction (2015)
B.A., English (2014)

SKILLS

HTML, CSS, Sass, JavaScript,
TypeScript, Angular, React,
Node.js, Express, Python, Django,
Wagtail CMS, MongoDB,
PostgreSQL, InfluxDB, Ubuntu,
NGINX, AWS, IBM Cloud, GitHub,
CircleCI, TICK Stack, Grafana,
NodeRED, Basic UX/UI Design

ACTIVITIES

DESIGN FOR HOUSTON

Complete Communities Initiative
project for 2nd Ward (Feb 2019)

ANITAB.ORG

Houston Industries Tech Panel
Member (Feb 2019)

HACKSTER HARDWARE

Spoke on IoT data visualization
using TICK and Grafana (Dec 2018)

STARTHERENOW

KeeperBee Medical IoT (Sep 2018)
Nicole Metoyer Shoes (Sep 2017)

PYWEB HOUSTON MEETUP

Spoke on Wagtail CMS (Apr 2018)

HACKHOUSTON

Won Best Design (Apr 2017)

EXPERIENCE

SOFTWARE DEVELOPER

Feb 2018 - present

Timbergrove

- Design and develop applications from discovery phase through production
- Develop cloud-based solutions and applications from high-level architectures
- Research best practices, develop training materials, and train new hires
- Optimized company IaaS usage across all active projects to cut monthly bill by 70%
- Current Projects
 - Ophanim (Jun 2018 - present) MongoDB, Angular, Node.js, Docker, AWS
 - Inventory & task management system with custom rules engine designed as an ERP substitute for small-to-medium businesses
 - Moonshot (Feb 2018 - present) Grafana, InfluxDB, Watson IoT, AWS, IBM Cloud
 - IoT platform to visualize and manage data streams from devices in the field
 - Includes hardware, software, and data integration
 - Built on open source frameworks and IBM Watson IoT Connection Service

JUNIOR DEVELOPER

Sep 2017 - Feb 2018

Timbergrove

- Designed and developed Angular components
- Assisted with data modeling and ETL process
- Provided microservices for an enterprise application via Openwhisk

FULL-STACK DEVELOPER STUDENT

Apr 2017 - Aug 2017

DigitalCrafts Immersive Coding Bootcamp

- Full-time course covering programming and web development fundamentals.
- Received exemplary performance reviews and offer to stay on as paid Developer in Residence after course completion.

TEACHER OF RECORD

Aug 2014 - Apr 2017

Cypress Fairbanks ISD

- Consistently maintained failure rates below campus average, test scores above campus average
- Developed unique academic & behavioral support system for students using gamification
- Collaborated daily with content-area team to determine learning objectives, develop long- and short-term curriculum goals, and create pedagogically sound instructional materials
- Roles included Team Leader, Campus Technology Committee Member, UIL Academic Coach, and others

COMMUNITY & VOLUNTEER

TECHNOLOGY ADVISOR

Jan 2019 - present

StartHereNow Leadership Committee

- Help entrepreneurs translate business requirements to technical requirements and pair them with the right tech talent for the StartHereNow competition

FRONT-END DEVELOPER

Sep 2018 - present

Clinic Access Support Network

- Work with a back-end developer and a board member of the nonprofit to develop a progressive web application for volunteer dispatchers and drivers.
- Application features basic CRUD operations and mapping. Uses service workers for data caching, push notifications, and other PWA functionality.

CO-ORGANIZER

Feb 2017 - Dec 2017

FreeCodeCamp Houston Chapter

- Created the Houston Mini Hackathon in November 2017. Secured venue & sponsors, scoped the project, formed planning committee, and ensured a successful event.
- Planned and led a hackathon for new developers in May 2017.