

Bryan Herbert Jacobs

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Interests

Problem Resolution, Subconscious Logic & Abstraction, Technology & Innovation

Education

Purdue University, W. Lafayette, IN

% Dec. '21

B.S., Transdisciplinary Studies in Technology + Unmanned Aerial Systems

Minor, Environmental Public Policy + Political Science + Design and Innovation + English

Cornerstone Certificate, Public Policy + Entrepreneurship and Innovation

Certification, FAA-Part 107 + FEMA-NIMS 100, 200, 700, 800

Competencies

Technical Reading & Writing,

Contracted whitepaper authoring, editing;

>4y: Proficient

Project Management,

>3y: Proficient

Data Aggregation,

IBISWorld, Tableau;

>1y: Proficient

CAM,

F360, Houdini, Rhino, Revit, MicroSIM;

~ 2y: Refining

Frontend Web Development,

Webflow, Netlify, Firebase, Hugo;

~ 6mo: Refining

Programming,

Python;

~3mo: Learning

GIS Data Analysis,

ArcPro, Pix4D;

~ 2mo: Learning

Work Experience

American Airlines, Tulsa, OK

May '19 – Dec. '20

Shared Assets Engineering Cooperative Intern

- Devised a probability-reliant algorithm to determine national non-revenue seat security with 20% fault
- Iterated Homeland Security-audited addendums and created all-access systems for necessary employees
- Created a metrics-analysis process capable of servicing 300+ catalogs and manuals daily

Dusk 'til Dawn, W. Lafayette, IN

Nov. '18 – May

'19 FOH Restaurant Operations Associate

- Designed a 0.25:1 op-prep to execution time-saving procedure for front-of-house workers
- Aided in developing a margin-growth procedure based on in/outflow with marginal growth (2.5% - 7.5%)
- Coordinated with gig-economy delivery drivers to open an alternative revenue stream

Pu'ukoholā Heiau National Historic Site, Kohalā, HI

May '17 – Aug. '17

Cultural Interpretation Intern

- Analyzed and transcribed tens of culturally significant pages in Hawaiian and English for public domain
- Interpreted culturally significant moments in history and educated tourists on Heiau and cultural respect
- Created advertisements and merchandise for cultural festivals

Target, Kailua Kona, HI

Dec. '15 – Jan. '17

Flexible Fulfillment Associate

- Seasonal worker for Black Friday, Christmas, and New Year's online ordering
- Sought and fulfilled 2 orders/80 items hourly
- Indexed merchandise in a warehousing setting via subjective categories

Affiliations

Research Center for Open Digital Innovation,

Undergraduate Researcher;

Oct. '20 –

Sigma Phi Epsilon (Indiana Alpha),

2019 Colony Co-founder;

Jan. '19 –

Team Rubicon,

Greyshirt, On-call;

Sept. '18 –

Red Cross,

Shelter Super, On-call;

May '18 –

I like new things and helping people.

References available upon request.