JIA-LIN ALLEN BRASWELL

INFO

Address
444 Del Sol Avenue,
Pleasanton, CA
94566

Phone
925 768 9733

Email
gpsguru1989@gmail.com

Github
jbraswell-gpsguru.github.io

EDUCATION

Masters in GIS/Cartography and Web Map Development
University of Wisconsin
Madison / Aug 2017 - Dec 2019

Bachelor of Arts in Geography
University of California
Berkeley / Aug 2012 - May 2014

Architecture/Geography
Diablo Valley College
Pleasant Hill, CA / Aug 2008 -May 2012

ON-GOING TRAINING

GIS
City College of San Francisco
Nov 2014 - Present

Coding
General Assembly / San Francisco
May 2016 - Present

Organized, versatile and reliable GIS Technician with 5 years experience who excels in managing multiple tasks, scheduling resources, and prioritizing competing responsibilities. Analyze Geographic Information Systems (GIS) data for use in urban planning applications that promote better land use or reduce the environmental impacts of development. Elite-level support skills, including the ability to manage a high volume data streams.

EXPERIENCE SUMMARY

GIS Technician
Disclosure Source - Fidelity National / December 2014 – Present

- Obtain data from multiple government agencies to map out natural hazards in the state of California such as flood, fire, landslide, earthquakes, liquefaction, landfill and more. These agencies include FEMA, CALFIRE, CA Department of Conservation, and others.
- Responsible for creating subdivision reports that display a map of the subdivision and the hazards the subdivisions are located in.
- Lead person for handling the annual 2x order surge during the summer months.
- Create and manage data plus maps combined with geographically referenced data.
- Update map data using a digitizer or by direct input of coordinate information using the principles of cartography with ArcGIS.
- Analyze Geographic Information Systems (GIS) data to identify spatial relationships or to display results of analyses.

Driver
Uber / July 2014 - 2016

- Drive vehicles over specified routes to destinations according to time schedules, while complying with traffic regulations to ensure that passengers have a smooth and safe ride
- Provide customers with general information or assistance
- Maintain vehicle in good working condition
- Consistent Five-Star Rating
- Encyclopedic knowledge of San Francisco roadways.

Intern
Greenbelt Alliance / August 2014 – October 2014

- Responsible for providing policy research and geographic information systems support for open space protection and better city planning in the San Francisco Bay Area.

- GIS technology and integrations/dependencies
- GIS & Spatial Analysis
- Identifies key issues in complex situations
- Sets challenging, achievable goals
- Expands and uses professional knowledge
- Up-to-date with emerging practices

COURSES

- Geospatial Web & Mobile Programming
- GIS & Spatial Analysis
- GIS Quick Start
- Vectors and Rasters
- Python for ArcGIS
- Open Source Geostack

SKILLS

- **Software**: ARCGIS; Microsoft Office Suite, Adobe Illustrator, QGIS, Leaflet, Python
- **Languages**: Proficient in Mandarin and American Sign Language

ACADEMIC PROJECTS

San Francisco Cable Car System Then & Now

Implemented an Interactive online mapping application using ESRI Leaflet and HTML Brackets that displays a map of the routes of the cable car system in San Francisco. chronicles the history of the cable car system from how the system started, the fight to save the system, and the system today.

Mapping Oakland's Check/Cashing Providers and Banks

Used Google Maps and City of Oakland data to create a detailed map to show the locations of these services along International Boulevard.

Mapping San Francisco's Art Deco buildings

Combined data from libraries and the San Francisco City Assessment website to Map out the famous Art Deco structures in San Francisco. Designed a user-friendly map to pinpoint the locations of these structures using both ARCGIS and Adobe Illustrator.

522 Mission Street San Francisco Urban Planning Project

Proposal to construct a mixed-use high rise of an open site in San Francisco. Incorporated into the project, the ideas of SB 375, AB 32, and TOD, with the main focus of encouraging people to take transit, walk, bike, as alternatives to driving.

Determining Optimum Locations for Retail Sites in San Francisco

Collaborated with a teammate to develop a plan for retail expansion in the City of San Francisco, taking into account existing geographical constraints.

Revitalizing the Diablo Valley College Lake Area

Led a group of three students in designing conceptual diagrams and planned an area with the consideration of land use and pedestrian traffic..