Jia-Lin Braswell

444 Del Sol Avenue,
Pleasanton ,CA

Phone 925-768-9733
gpsguru1989@gmail.com
https://jbraswell-gpsguru.github.io/

Objective

Full time position that requires GIS, analyzing data, and cartography.

Education

University of California, Berkeley   August 2012–May 2014
Bachelor of Arts, Geography

Diablo Valley College, *Pleasant Hill, CA*   August 2008-May 2012
Studied Architecture/Geography

City College of San Francisco,   November 2014-Present
Ongoing night school courses to increase GIS knowledge base.

General Assembly, *San Francisco, CA*   May 2016-Present
Ongoing courses to increase knowledge on coding.

University of Wisconsin, Madison   August 2017-December 2019
Masters Degree In GIS/Cartography and Web Map Development

Coursework

-Economic Geography	-Architecture Graphics
-Geographic Information Systems	-Physical Geography
-City Planning	-Cartography
-Cultural Landscapes	-Web Mapping Quick Start
-GIS Quick Start	-Vectors and Rasters
-Python for ArcGIS	-Open Source Geostack
-Intro to programming	-Intro to Python
-Coding for beginners	-HTML & CSS
-Intro to SQL	-Python For Data Science
-Intro to Javascript	-Programming for Non Programmers
-Intro to Geocomputing	-Graphic Design in Cartography
-Interactive Cartography & Geovisualization	-Geospatial Database Design & Development
-Geospatial Web & Mobile Programming	-GIS & Spatial Analysis

Certifications

-GIS Quick Start Certificate of Completion
-Vectors and Rasters Certificate of Completion
-Python for ArcGIS Certification of Completion
-Open Source Geostack Certification of Completion

Academic Projects

Mapping Oakland's Check/Cashing Providers and Banks
- Using Google Maps and City of Oakland data, a detailed map was created showing the locations of these services along International Boulevard.
- A hypothesis was developed that there are a higher percentage of Check/Cashing providers than banks, in areas which have a high percentage of undocumented residents.

Mapping San Francisco's Art Deco buildings
- Mapped out famous Art Deco structures in San Francisco, using data from libraries and the San Francisco City Assessment website.
- Used both ARCGIS and Adobe Illustrator to create a user friendly map to pinpoint the locations of these structures.

522 Mission Street San Francisco Urban Planning Project
- Urban planning class project at UC Berkeley where I picked an open site in San Francisco, by the Transbay Terminal, and proposed to construct a mixed used high rise.
- I 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 teammate to develop a plan for retail expansion in the City of San Francisco, taking into account existing geographical considerations
- Used ARCGIS and Google Maps to develop plans and assist in design work
- Integrated a modeling function in ARCGIS to assist with project

Revitalizing the Diablo Valley College Lake
- Led a group of three students in designing conceptual diagrams
- Planned area improvements taking into account land use and pedestrian traffic
- Presented final project to classmates

San Francisco Cable Car System Then & Now
- Interactive online mapping application that displays a map of the routes of the cable car system in San Francisco.
- The user has the ability to display the current routes of the map, the historic routes, and the current MUNI that run along the former lines.
- The application also chronicles the history of the cable car system from how the system started, the fight to save the system, and the system today.
- I created the map using ESRI Leaflet and HTML Brackets. The site is also posted on my GitHub webiste.

Experience	**GIS Technician**, Disclosure Source / Fidelity National December 2014 – Present

- Responsible for obtaining, maintaining and creating data and/or maps that can be combined with geographically referenced data. Enter new map data through use of a digitizer or by direct input of coordinate information using the principles of cartography including coordinate systems, longitude, latitude, elevation, topography, and map scales.

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.

Driver, Uber   July 2014 - Present

- Part time driver for Uber for the Greater San Francisco Bay Area.

References

Gina Gourley 925-462-0362
Frank Siegert 925-683-0658

Skills & Interests

Software: Skilled in ARCGIS; Microsoft Office Suite, Adobe Illustrator, QGIS, Leaflet, Python
Languages: Proficient in Mandarin and American Sign Language
Interests: Accomplished classical pianist

Volunteer

Pleasanton Downtown Association   Summer 2007
Assembled and organized event space for 400 attendees.
Worked in a team of 10 volunteers to set up vendor's tents

Open Heart Kitchen   July 2007
Served meals and organized dining space for residents of an assisted living facility.