

# Bic Vu

HELLO@BICVU.CODES

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Data scientist and fullstack developer who builds impactful user experiences. Previous experience in exhibition design for museums and graphic design for government. Specialized in matching business needs with technical communication products such as data analyses, web applications and visualizations.

## Technical Skills

- » Python
- » Pandas & NumPy
- » Matplotlib
- » API Protocols
- » JavaScript
- » D3.js
- » Mapbox
- » Bootstrap
- » PostgreSQL
- » Mongo DB
- » Flask
- » Tableau
- » Scikit Learn
- » NPL
- » Heroku App
- » AWS

## Machine Learning

FOODDESERT.HEROKUAPP.COM

*Dollar Stores & Food Deserts.*

- » Analyzed the effects of dollar stores on food deserts in low income communities.
- » Utilized Scikit Learn linear regression models to find comparative trends across different geographic regions over multiple years.
- » Extracted, Transformed and Loaded (ETL) data using Python Pandas and visualized finding with Tableau.

## JavaScript Visualization

BICVU.GITHUB.IO

*Obesity Across American*

- » Deployed fullstack interactive website with data visualization of obesity levels in America.
- » Utilized D3 JavaScript, Leaflet and CSS to connect data on health, nutrition and state regulations with levels of obesity across different ages.

## Additional Projects

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- » Used PostgreSQL and pgAdmin to map data sets with primary and foreign keys.
- » Built a web based virtual environment to host, respond and update visualizations of biomedical data.
- » Webscraped content from using Beautiful Soup and programmed event listener to update content.
- » Made API calls an utilized Create, Read, Update, Delete (CRUD) operations to store data on a MongoDB database.



## Graphic Designer

USAID

Washington, DC

2019 – Current

*Visual information specialist for the Global Development Lab at USAID.*

- » Designed and provided guidance on visual communication and branding for the Office of Engagement and Communications of the USAID Global Development Lab
- » Devised visual strategies to scale impact and activate calls to action for innovation challenges, projects in which USAID engages with the private sector and citizens to solve global issues.
- » Developed infographics to communicate complex concepts such as the mechanism of project funding and implementation.

## Exhibition Designer

ADOBE

Los Angeles, CA

2018

- » Designed tradeshow booth during the rebrand of Adobe Fonts during AdobeMax 2018.
- » Created customizable templates for interactive photo booths.

## Exhibition Graphic Designer

NEWSEUM

Washington, D.C.

2016–2018

*In-house designer for museum of the first amendment responsible for the design of branded graphics, exhibition space and wayfinding systems.*

- » Built branded identities (logo, color scheme, typographic hierarchy and image treatment) for use across exhibitions, virtual reality experiences and mobile applications.
- » Tested usability and ADA compliance of graphics across a wide range of scale and materials from exterior building wraps to digital touchscreens.
- » Communicated verbally and through written instructions with fabricators, installers, printers and developers to produce designs and maintain quality assurance.
- » Introduced team to Tableau software integration with Microsoft Excel to produce infographic and map data visualization.
- » Presented designs to board of directors and staff.

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## Education

Data Analytics Bootcamp, George Washington  
MFA, The University of Texas at Austin  
BA, Univ. of California, Santa Barbara

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## Profession Organizations

- » AIGA DC, Slack Chair (Former Design for Democracy Chair)
- » Women Who Code, Hear Me Code
- » Alphabettes (Women in Type Design)

