

Benjamin Geyer

Portfolio: benjamingeyer.io
Point Loma - San Diego, California
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SKILLS

PROGRAMMING

Languages:

Python • Javascript/Typescript • Golang
SQL • Document DB Queries
CSS/SCSS/HTML • C# • F# • Scala

Libraries and Frameworks:

NestJS • React • NextJS • GraphQL
PostgreSQL • Dask • MongoDB
Airflow • Firebase • GraphQL
React/Redux • Elasticsearch • Node

Tools and Other:

Docker • Azure • AWS • Shopify
Jupyter Lab • Databricks • Segment.IO
Amplitude • Apache Spark • Redash
Redis • Vercel • Heroku
Git • Jira • Clickup

LINKS

Github: [Benjamin-G](#)
LinkedIn: [benjamin-r-geyer](#)
AngelList: [@benjamin-r-geyer](#)

EDUCATION

UNIVERSITY OF PITTSBURGH

BS IN NATURAL SCIENCE
Grad. Dec 2016 | Pittsburgh, PA
Focus: CS, Math, and Physics

LEARN ACADEMY

CODING BOOTCAMP COMPLETION
Grad. Jan 2020 | San Diego, CA

BIDWELL

ASSOC. IN CHEMISTRY
Grad. May 2011 | Pittsburgh, PA

COURSEWORK

UNDERGRADUATE

GIS, GPS, and Computer Methods
Int. Programming Using Java
Data Structures
Linear Algebra

ONLINE LEARNING

Apache Spark Programming
Data engineering with Azure Databricks

HIGHLIGHTED EXPERIENCES

CONFLUENCE ANALYTICS INC. | SOFTWARE ENGINEER

Jun 21 - Sept 21 | May 22 - Present | Remote/Contract

- Developed a regenerative finance (ReFi) solution called CODI (Carbon Offset Direct Index). This included project guidance and specification creation, analytic visualization using Highcharts, statistics and quantitative analysis calculation, and full-stack implementation.
- Launched marketing app for CODI with Hubspot integration.

NUBRAKES | SOFTWARE ENGINEER (FULL-STACK, ANALYTICS)

Sept 21 - June 22 | Austin, TX | Remote

- Lead the design and implementation of Segment (Customer Identity and Tracking) with product and marketing managers.
- Increased life time value of customers and decreased time for operations, sales and support agents per customer.
- Built and integrated a self-scheduling system for appointments and enabled an E2E customer self-booking experience.
- With workflow charts, improved E2E testing, and improved Functional programming (fp-ts) error handling design added value to both the engineering and product culture.

BIGGIE BILLBOARDS | DIRECTOR OF ENGINEERING

Oct 20 - Jun 21 | San Diego, CA | Remote

- Designed and implemented E-Commerce solution for custom car and truck billboards. Enabling Marketing, Customer Service, and Sales success.
- ETL of data from several data sources including Sharepoint, Shopify, and AWS; using modern data science tools (Jupyter Lab, Pandas, Open CV, Numpy).

PERMIT DOCS | DATA ENGINEER AND FULL-STACK ENGINEER

Jan 20 - Oct 20 as Contractor | Oct 20 - April 21 as Advisor | San Diego, CA

- Owned and implemented weekly automated web-scraping of municipality legal documents. ETL used Elasticsearch, AWS (cloudwatch, lambda, s3, step functions, ec2) and Python. Extracting, parsing and indexing data from HTML, JSON, and PDFs.
- Using Golang, Postgres, and React/Redux; implemented bug fixes, id obfuscation, and node API integration.

UNIVERSITY OF PITTSBURGH | NEUROLOGY | RESEARCH TECHNICIAN

Jan 12 - Aug 19 | Pittsburgh, PA

- Completed research with Post-Docs included brain dissections, behavioral studies, and assay/PCR completion. Facilitated collaboration between research groups.

PLEXTRONICS | SYNTHETIC AND ANALYTIC CHEMICAL TECHNICIAN

Mar 11 - Dec 11 | Pittsburgh, PA

- Cross-team trained and researched in synthesis, analytic, and device research and development.

INTERESTS AND ACTIVITIES

- Love spending time cooking and eating with family and friends. Always enjoy being outdoors to go surfing, juggling and slacklining. In addition to seeing live music, playing bass guitar, and mixing records.