Nate C. Gindele

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Denver-based full-stack web developer. Problem solver, philosophy PhD with strong written and oral communication skills.

Server

- Python
- Django
- Flask
- Webapp2
- Apache2
- Linux
- Google App Engine
- Oauth2

Client

- Javascript
- Jquery
- Bootstrap
- AJAX
- KnockoutJS
- CSS3
- HTML5

Database

- PostgreSQL
- SQLite
- SQLAlchemy

Education

- 2018 Udacity Full Stack Web Developer Nanodegree
- 2015 PhD, Philosophy, Duke University (GPA: 3.9)
  - Graduate level courses in Symbolic Logic, Advanced Logic (GPA: 4.0)
  - Taught two sections of Introduction to Logic to undergraduates
- 2008 BA, Philosophy, Univ of North Carolina at Chapel Hill

Consulting Work

Web Dev (2018-Present)

- Python, Django-based web app
- Admin login with intuitive content management
- Image upload and storage functionality for blog entries
- Web form providing direct communication to client

Data Processing (2017-8)

- Python algorithms to selectively synthesize and clean data
- Millions of entries, thousands of datasets
- Verified data completeness, fidelity
- Imposed clear formatting on heterogeneous data

Web Scraping (2017-8)

- Data collection for the academic study of state and national campaign finance
- Python algorithms using the Beautiful Soup 4 and urllib libraries
- Synthesized data, presented in spreadsheets

Udacity Projects

Neighborhood Helper

- Given an address, this site provides information about nearby establishments
- Users may customize the query terms, search radius, and may filter results via text search
- AJAX requests made asynchonously to Google Maps, Places, and the Flickr APIs
- Adaptive layout maintains usability across devices
- KnockoutJS used to manipulate DOM, update displayed information in real time
- Users provided link, reviews, and photos of selected resutls

Interactive Item Catalog

- Multi-user site that allows Google and Facebook users to sign in and create, modify, and delete Artist and Album entries
- Employs a PostgreSQL relational database on an Apache2 web server
- Python server code using Flask framework and Jinja2 templates
- User account information and secure login provided via Oauth2 authentication
- Amazon Lightsail virtual private server running Ubuntu
- Bootstrap, PopperJS used for UX and UI

Multi-user Blog

- Users are registered and authenticated securely using password hashing
- Blog posts and comments maintained via database using NDB datastore
- Site runs on Google App Engine using Python server code
- Sessions maintained across pages using encrypted credentials stored in client cookie
- Site implements responsive design principles to provide a consistent experience across platforms