Andrew Yang

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EDUCATION

GEORGETOWN UNIVERSITY   **Aug 2019 - May 2023**
B.S. Computer Science, B.A. Economics, Cumulative GPA: 3.977 / 4.0   Washington D.C.

EXPERIENCE

Parachute Insurance   **June 2021 – Present**
Technology and Data Intern   Chicago, IL
- Created the backend of a sign-up website with Flask, which validates address location, provides quotes, uploads customer data to PostgreSQL database, and sends confirmation emails
- Wrote bash script to automate deployment of the Flask API with nginx and gunicorn on an AWS ec2 instance
- Tested various geocoding APIs using Python to determine the most accurate solution for locating addresses, which improved the percentage of test addresses found from 85% in the existing solution to 99%

Hoyalytics   **August 2020 – Present**
Data Consultant   Washington D.C.
- Performed analysis on Georgetown Bubble's Facebook data from the past 2 years and created visualizations with Tableau and Tableau Prep
- Prepared and gave presentation to Georgetown Bubble with a team of consultants on marketing strategy

PROJECTS

translateR
- Built a front-end React.js application utilizing Reddit's API that shows posts and comments from any Chinese language subreddit
- Displays pinyin (romanized script) of characters when highlighting them
- Used: HTML, CSS, JavaScript, Node.js, React.js

Maxwell's Demon
- Used Spring to create a UI that depicts a simple physics model of Maxwell's Demon, with bouncing particles and temperature tracked on both sides of a removable barrier
- Used: Java, Spring

SKILLS

- **Languages and Technologies**:
  - Languages: C++, Java, Python, JavaScript, Dart
  - Web Dev: HTML, CSS, React, Node.js, Flask
  - Data Visualization: Tableau, Tableau Prep
- **Online Courses**
  - Front-End Web UI Frameworks and Tools: Bootstrap 4
  - Learn Flutter and Dart to Build iOS and Android Apps

Github: https://github.com/a-ya19