Alex Xu

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Santa Barbara, CA

EDUCATION

University of California, Santa Barbara   Santa Barbara, CA
BS in Mathematics ; GPA: 4.00   *Expected Graduation: Jun. 2020*

- **Clubs**: Math Club, Data Science Club, Sigma Eta Pi
- **Achievements**: Scored 28 in 2016 Putnam

PROJECTS

Spotilyzer   inertia7.com/projects/76
Spring 2017

- Documented ideas and methods used later in the project such as various approaches towards analyzing Spotify data
- Created visualizations of data collected from Spotify API with pandas and plotly

Spotify Playlist Generator   github.com/xualex/SpotifyPlaylistGeneration
Fall 2017

- Generated playlists from a set of Spotify song data via Markov chains

VOLUNTEERING

DjangoGirls   djangogirls.org/santa_barbara/
Fall 2017

- Coaching people new to programming on how to use Django to create a basic website as outlined by DjangoGirls

Cashier   Yueshan Temple, China
Summer 2015

- Responsible for keeping track of the till and assisting customers when necessary.

SKILLS

- **Coding Languages**: Python, Java, LaTeX, SQL, Markdown

- **Math**: Differential Geometry, Topology, ODEs, Advanced Linear Algebra, Abstract Algebra, Stochastic Processes

- **Other**: Fluent in Chinese