

Donald Vu

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Education

Georgia Institute of Technology

September 2018 - December 2020

Candidate for Master of Science, Computer Science

University of California, Los Angeles

September 2013 - June 2018

Bachelor of Science, Statistics

Concentration: Computing Systems

Skills

Languages: Javascript ES6 | Python 3.7 | HTML 5 | CSS 3 | R

Frameworks: React.js | React Hooks | Redux | Bootstrap 4 | Node.js | Express | jQuery

Technologies: SQL | MongoDB | Git | SSMS | AWS | Tableau | Azure | Linux | Microsoft Office

Experience

Los Angeles Clippers

November 2019 - May 2020

Software Engineer Intern; Los Angeles, California

- Designed, implemented, and maintained a user interface with React.js for executives to monitor ticket price levels in secondary markets using a constant stream of real-time transaction data provided through an integration of StubHub's Ticket API.
- Developed a full-stack application with React.js that automated the purchasing of suites by pulling data from an AzureDB connection and populating fields routinely.
- Built data pipelines in Python for transferring sales data from AWS Redshift to internal cloud servers and coded in business logic to ensure accuracy of databases.

The Walt Disney Company

May 2019 - August 2019

Data Engineer Intern; Burbank, California

- Introduced multi-core processing and memory manipulation to Python scripts reducing average code runtime from 2 hours to 30 minutes and conserving 30% more space.
- Oversaw and maintained complete ownership over the production of a statistical model in Python from idea formulation to pipeline integration and full deployment.
- Acquired fluency with AWS EC2/S3 services by deploying large-scale models on high-level instances, mining volumes of raw data, and executing database queries.

Projects

Portfolio: <http://www.donaldu.com>

Stock Market Trading Robot

- Programmed a trader in Python that intakes historical price data and outputs an action of buy or sell. Trader uses random forest on three technical indicators to determine action.

Dodgers Matching Game (<https://dodgers.netlify.com>)

- Constructed a site with React where users can look for workout videos using the Youtube API. Also allows users to search for healthy recipes through the Spoonacular API.