Alan Nguyen

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EDUCATION

Texas A&M University
BA in Computing
Expected Grad. Dec. 2021
GPA: 3.365

SKILLS

Languages:
Python, C++, JavaScript, HTML/CSS, LaTeX
Technologies:
Git, Flask, Ruby on Rails, Express.JS, MongoDB, AWS, PostgreSQL

PROJECTS

TravelLab
A web app exploring various attractions, hotels, and restaurants suggestions for travel planning

plater
A website to help people pick the right restaurant for Capital One's MindSumo challenge.

Fake News in Time
Summer 2019 research internship project that analyze archived web articles' linguistic cues into time-series.

ACTIVITIES

Aggie Web Developers
PR Coordinator
oSTEM
Member
Texas A&M Computing Society
Member

08.07.2020

EXPERIENCE

Visa   May 2020 – July 2020
Software Engineer Intern   Remote
- Participated in the Global Intern Chase Challenge to present an innovative payment solution that will accelerate cash displacement.
- Build a data visualization solution that leverages Visa APIs through a website.

Center for Large-scale Scientific Simulations Oct. 2019 – Mar. 2020
Student Technician   College Station, TX
- Designed and converted a preexisting C++ codebase into an open-sourced library.

Mays Innovation Research Center   Sept. 2018 – Aug. 2019
Software Assistant   College Station, TX
- Fulfilled features and optimize existing ones to drive maximum performance for inhouse software.
- Used test-driven development, code reviews and continuous integration to deliver high quality software, and rapidly fix bugs as they come up.

University of Cyprus   Jun. 2019 – Jul. 2019
Researcher Intern   Nicosia, CY
- Utilized Python and Scrapy framework to retrieve content and metadata from archived news articles then store data into MongoDB collection.
- Applied statistical methods on the time series of the extracted data in order to visualize the evolution of the language of fake news articles in time.

Oak Ridge National Laboratory   May 2017 – Jul. 2017
Researcher Intern   Oak Ridge, TN
- Implemented automated testing of SAP programs to streamline inhouse software development lifecycle (SDLC) processes.
- Involved in the planning, review, and development of testing programs and documentation of results.

Make Me Modern, Inc   Apr. 2017 – May 2017
Web Design Juggernaut (Student Internship)   Knoxville, TN
- Built web sites and applications by writing code (PHP, HTML, CSS, Javascript) and configuring and extending content management software (WordPress).