

Alan Nguyen

(832) 282-5730
alannguyen.dev
anguyen120@pm.me

EDUCATION

Texas A&M University

BA in Computing

Expected Grad. Dec. 2021

GPA: 3.333

COURSEWORK

Program Design and Concepts

Data Structure & Algorithm

Discrete Mathematics

Programming Languages

Computer Organization

Intro to Computer System

Programming Studio

SKILLS

Languages:

Python, C++, HTML/CSS, \LaTeX

Technologies:

Git, Ruby on Rails, MongoDB,
AWS, PostgreSQL

PROJECTS

Fake News in Time

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

special-spoon

Tetris clone built through JavaFX framework in an aesthetic style.

ACTIVITIES

oSTEM

Texas A&M Computing Society

02.18.2020

EXPERIENCE

Center for Large-scale Scientific Simulations

Student Technician

Oct. 2019 – Present

College Station, TX

- Designing and converting a preexisting C++ codebase into an open-sourced library.

Mays Innovation Research Center

Software Assistant

Sept. 2018 – Aug. 2019

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

Researcher Intern

Jun. 2019 – Jul. 2019

Nicosia, CY

- Utilized Python and Scrapy framework to retrieve content and metadata from archived news articles then store data into MongoDB collection.
- Processed articles' content to linguistic features divided into: i) Part-of-Speech; ii) Readability and Vocabulary Richness; iii) Sentiment Analysis; iiiii) Surface and Syntax; iv) Punctuations; and v) Psychological Processes.
- 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

Researcher Intern

May 2017 – Jul. 2017

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

Web Design Juggernaut (Student Internship)

Apr. 2017 – May 2017

Knoxville, TN

- Built web sites and applications by writing code (PHP, HTML, CSS, Javascript) and configuring and extending content management software (WordPress).
- Created accessible, dynamic, and responsive interfaces with HTML, CSS, and JavaScript.