

EDUCATION

- **Texas A&M University** College Station, TX
Bachelor of Arts in Computing; GPA: 3.333 Aug. 2018 – Dec. 2021
 - **Relevant Coursework:** Program Design and Concepts, Data Structure & Algorithm, Discrete Structures for Computing, Programming Languages, Computer Organization, Intro to Computer System, Programming Studio

EXPERIENCE

- **Center for Large-scale Scientific Simulations** College Station, TX
Student Technician Oct. 2019 – Present
- **Mays Innovation Research Center** College Station, TX
Software Assistant Sept. 2018 – Aug. 2019
 - **Ruby on Rails Development:** Implemented new features and optimize existing ones to drive maximum performance. Used test-driven development, code reviews and continuous integration to deliver high quality software, and rapidly fix bugs as they come up.
 - **Data Mining:** Gathered and processed raw data at scale with large scale cloud parallel processing.
- **University of Cyprus** Nicosia, CY
Researcher Intern Jun. 2019 – Jul. 2019
 - **Data Scraping and Web Crawling:** Utilized Python and Scrapy framework to retrieve content and metadata from archived news articles then store data into MongoDB collection.
 - **Text Analytics and Natural Language Processing (NLP):** 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.
 - **Statistical Analysis on Time-series Data:** 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** Oak Ridge, TN
Researcher Intern May 2017 – Jul. 2017
 - **Quality Assurance:** 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** Knoxville, TN
Web Design Juggernaut (Student Internship) Apr. 2017 – May 2017
 - **WordPress Development:** 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.

PROJECTS

- **Kind Maize (J.P. Morgan's Code for Good 2017):** Volunteer social platform with organizations' CRM.
- **Calendar-Catch (HackRice7):** Web app that calculates an optimal date for ideal meeting times.
- **special-spoon:** Tetris clone built through JavaFX framework in an aesthetic style.

PROGRAMMING SKILLS

- **Languages:** Python, C++, HTML/CSS, L^AT_EX
- **Technologies:** Git, Ruby on Rails, MongoDB, AWS