

LUKE ANDERTON

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PROGRAMMING AND GIS SKILLS

C++, C#, Java, JavaScript, Python, C, R, Visual Basic, Scheme, HTML & CSS, ESRI, ENVI

- Developed stand-alone platform game on PC/Mac/Linux using Unity engine
- Collected data to generate a geospatial analysis of storm vulnerabilities at critical infrastructure sites in the Galveston Bay area

EDUCATION

Texas A&M University, College Station, Texas
Bachelor of Science in Geographic Information Science & Technology
Computation, Design, & Analysis Track

May 2020

COURSES

- Data Structures & Algorithms
- Programming Languages
- Discrete Structure Computing
- WebGIS
- Programming for Spatial Data Applications
- Data Analysis in Geography

WORK EXPERIENCE

Civil Engineering Department, Texas A&M University

Oct. 2018 – May 2020

Student Assistant

- Assisted professors in course-related work and preparation for classes
- Organized departmental meetings and conferences; created travel itineraries for incoming professors
- Maintained office organization and supplies on a daily basis

International Student Services, Texas A&M University

Oct. 2017 – Oct. 2018

Student Assistant

- Met with student advisors to discuss international students' affairs and policies
- Communicated with international students in person and over the phone to resolve issues related to immigration status, travel documents, and employment

Pirates Bay Waterpark, City of Baytown, Baytown, Texas

March – Sept. 2016

Head Lifeguard

- Supervised and trained a personal team of lifeguards throughout the season
- Maintained park safety and cleanliness on a day-to-day basis
- Led rescue protocol in training and in real life situations

EXTRACURRICULARS

C++ Private Tutor

Aug. 2019 – Present

- Deliver self-prepared lessons to peer, providing informal training in C++, Java, and HTML/CSS

Texas A&M University Speech and Debate Team

Jan. 2017 – May 2018

Debate team member

- Prepared for and attended state and national tournaments, participating in parliamentary debate, extemporaneous speaking, and impromptu speaking

OTHER SKILLS

Microsoft Office, Google Drive, Skype, Outlook, CPR/Basic Rescue, Unity