Alexandro Fuentelzas

571-581-0217 | alex271@live.com | alexandrofuentelzas.com

Education

George Mason University, Honors College   Falls Church, VA

- Bachelor of Science in Computer Science   Graduation Expected in May 2021
- Dean's List   Fall 17' – Present - GPA: **3.59**
- Relevant Courses - Data Structures, Object Oriented in Java, Python, C, Linear Algebra, Discrete Math, Formal Methods and Models, Statistics for Engineers

Experience

British Aerospace Systems   Tysons, VA
Software Engineering Intern   *May 19' – August 19'*

Mentor   Fairfax, VA
PatriotHacks Hackathon/iOS workshop   *October 18' – October 18'*
- Mentored 250+ students and assisted in running a workshop for iOS app development.
- Assisted students and taught them several programs/technologies such as Python, Java, API implementation from sponsors, debugging, and HTML/CSS.

Software Development Club, George Mason University   Fairfax, VA
Co-Founder/Developer   *August '18 - Present*
- Helping over 35 students grow a passion for software development. Learning new technologies by working on projects and attending hackathons. – https://sdcgmu.org

Activities and Projects

No More Shootings (Python)   Georgetown University - HoyaHacks
Developer   *February 2019 – February 2019*
- Placed 3rd overall and won best Software hack sponsored by Microsoft.
- Created a platform that can detect guns and inform the authorities before any casualties occur.
- Once detected, would text an image of the suspect to people nearby and advise them to be safe.

Remedify (Node.js/Express)   Virginia Commonwealth University - RamHacks
Developer   *September 2018 – October 2018*
- Remedify is a REST API that provides natural remedy solutions for common illnesses.
- Data was acquired through a python web crawler made with the Beautiful Soup library and was accompanied by an iOS app to display the implementation of the API on a sample project.

Cipher Texts (Python)   Independent Project
Developer   *March 2018 – Present*
- Cipher Texts is a program that receives the user's desired encoded text and encrypts their information with the choice of a Vigenere, Caesar, or Rail Cipher.

Dr. Alexa (Node.js)   Independent Project
Developer   *September 2018 - Present*
- Created an Alexa skill to identify basic illnesses depending on the person's symptoms.
- Implemented AWS Lambda functions and a web crawler that was created with Python which incorporated the Beautiful Soup library to find natural remedies online.

Skills

Technical Skills: Python, Java, C, HTML, CSS, JavaScript, Node.js, R, Swift

Other: Machine Learning, Google Cloud, TensorFlow, MongoDB, Express, SQL Familiarity, Windows, Unix, Linux, iOS, Android, AWS, Eclipse IDE, GitHub, Microsoft Office Suit, Spanish