

Alexandro Fuentelzas

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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 (BAE) Systems (Machine Learning)

Tysons, VA

Software Engineering Intern

May 19' – August 19'

- Created multiple machine learning models that were used to acquire intelligence on foreign militaries.
- Utilized Python, TensorFlow, NumPy, Pillow, and Pickle to prepare the data and create the models.

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 – Present

- 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 BeautifulSoup 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 – April 2018

- 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.

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