

# Alexandro Fuentelzas

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## Education

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### 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

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### British Aerospace (BAE) 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

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### No More Shootings (Python)

Georgetown University - HoyaHacks

Developer

February 2019 – Present

- Placed 3<sup>rd</sup> 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.

### Dr. Alexa (Node.js)

Independent Project

Developer

September 2018 – October 2018

- 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 BeautifulSoup library to find natural remedies online.

## Skills

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**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 Suite, Spanish