Fausto Uribe

📞 +1-210-315-8048   in /fausto-uribe
✉ fut@mit.edu   ⌨ /rxw
                         🌐 faustware.net

🎓 Education

Massachusetts Institute of Technology   2018 – 2022
BS in Computer Science and Engineering   *Cambridge, MA*

Relevant Coursework Discrete Mathematics, Data Structures and Algorithms, Linear Algebra, Introduction to Probability, Fundamentals of Programming, Introduction to Machine Learning, Design and Analysis of Algorithms

🕐 Experience

Amazon Web Services   Summer 2020
Software Development Engineer Intern   *Seattle, WA*

- Solely responsible for the architectural design and development of web based service which allows for the dynamic creation of modular metric dashboards with derived and aggregate metrics
- Developed a derived metrics feature in order to provide more insightful cumulative over period metrics and period over period change metrics
- Learned in-depth about AWS Lambda, API Gateway and DynamoDB in order to create a completely auto scaling application that can serve hundreds of thousands of AWS customers at once
- Increased efficiency at which customers can create different modular dashboards and visualize metrics, from 5 minutes to 2 seconds (99% improvement)

Languages/Technologies Python, AWS Lambda, API Gateway, DynamoDB, REST

🧪 Projects

Snapy   Python

- Open source Python library to use Snapchat's API
- Reverse engineered API by analyzing phone requests through proxy
- Enabled the development of bots and other tools
- Received 35 stars from community developers that utilized the library
- Gained experience with version control tools by working with experienced programmers who contributed to the project

Aimorphic   C

- Low field of view aimbot for multiplayer game CS:GO
- Worked directly with low level memory readers, memory addresses and offsets
- Simulated human-like mouse movements to avoid detection
- Increased player accuracy up to 100%, and led to higher ranked placements

🏆 Achievements

- National Merit Finalist
- 1520 SAT

⚙ Skills

Languages Python, Java, JavaScript, HTML, CSS, LaTeX
Technologies/Tools Git, AWS, DynamoDB, Android Studio, NetBeans, Unix Shell
Frameworks Django, Flask, P5.js