Reed Graff

Woodberry Forest VA, Dallas TX
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Technology Skills	**Programming Languages: Python, HTML/CSS/JS/PHP, Flutter(Dart)**, Java, Powershell, C **Server/Cloud Providers: Heroku, Firebase,** AWS **Embedded: Arduino, Raspberry Pi** **Version Control: Git (through VSCode primarily)**

Work Experience

Summer Technical Intern *May 2021 → August 2021*

Exceleron Software, Dallas TX
- Developed a python script which scraped the websites of all of Exceleron's consumers and searched each subdomain for a link back to Exceleron.
- Engaged in market segmentation and data science to better target potential customers/clients.
- Developed a mockup website to be used for future consumers.
- Aided in the development of automation software for testing aspects of Exceleron's existing website.

Projects

Lead Developer *2021*

The Commune Instagram Bots
- I developed a collection of categorical Instagram bots that could generate posts based on other accounts' posts and input data using Python's Selenium library.
- I then produced a "central" bot to scrape posts from these categorical bots and upload them.

Lead Developer *2021*

"Project A" Arbitrage Bot
- I developed a collection of Python modules for the purpose of finding arbitrage between cryptocurrency markets, and subsequently leveraging the exchange rates that are not reciprocals of eachother.

Relevant Clubs & Activities

Leader *2021*

WFS Computer Science Club
- Instructed members on the basics of objected-oriented programming and web development

Co Founder *2021*

WFS Maker Club
- Instructed members on the basics of embedded engineering through the use of the Arduino suite of products

Education

Woodberry Forest *2018 → 2023*
- Most Recent GPA: 3.85
- Malcolm L. Monroe Public Speaking Award (11)

Miscellaneous

Boy Scouts of America
- Eagle Scout ***Pending
- Order of The Arrow

Courses
- FCC: Responsive Web Design Course Certificate (300 hours)
- FCC: JavaScript Algorithms and Data Structures Certification (300 hours)
- Coursera (supported by SAS): Machine Learning Rock Star – the End-to-End Practice Specialization (60 hours)