

JULES COMTE

jgc71@georgetown.edu | 202-664-9806 | 3700 O St NW, Washington DC 20057

Education

Columbia University Combined Plan (Dual-Degree Program)	May 2022
Columbia University , BS in Electrical Engineering	
Georgetown University , BS in Computer Science	
Relevant Coursework: Data Structures, Algorithms, Network Security, Cryptography, Computer Architecture	
GPA: 3.9	
Stanford University , Visiting Student	June - August 2019
GPA: 4.0	
Phillips Academy Andover , High School Diploma Martin Luther King Jr. Award	June 2016

Experience

Blockchain Technology & Ecosystem Design , Georgetown University	January 2019 - Present
<i>Research Assistant</i>	
Build one of the first implementations of Halo, a scalable and trustless cryptographic proving system discovered by cryptographers at the Electric Coin Company, the parent company of the Z-cash cryptocurrency	
This technology could be a huge breakthrough in the search for scalable and private blockchain protocols	
Georgetown University Ballroom Team , Georgetown University	August - December 2018
<i>Treasurer</i>	
Lead the decision making of a seven-person board to fund and manage a \$17,000 budget	
Tracked our cash flows, and earned the approval of our expenses from Georgetown University	
Restored a precarious relationship with the university due to a previously overdrawn account	
Les Glenans , Concarneau, France	July 2018
<i>Licensed Skipper</i>	
Earned a nationally recognized skipper license in offshore sailing	
Responsible for the security of a crew of up to seven adults in all circumstances	
Anticipated and reacted to potentially life-threatening situations	
Assured the high performance of a sailboat in all weather conditions and marine environments	
Succeeded in my final test under the examination of a famously ruthless and exigent instructor	
McDonald's , Senas, France	May - August 2017
<i>Polyvalent Crew Member</i>	
Thrived in a client-facing environment while progressively promoted to higher-ranked positions	
Adapted to an unrelenting management style in a fast-paced and high-pressure setting	
Won the respect of people from drastically different socio-economic backgrounds	

Projects

Interpreter	Present
An interpreter built in C for a custom programming language	
Encrypted Message Broadcasting Command Line Application	Present
Built in python, encrypts, decrypts, authenticates, and broadcasts messages from one client to all others	
Bitcoin/Lightning Full Node on a Raspberry Pi	Present
Validates and relays bitcoin transactions while maintaining a copy of the blockchain	
Powerbank Sharing Startup	June - August 2019
Led the conception of the strategy, iterating according to customer feedback	
Pitched to both teachers and investors over the course of Stanford's Tech Entrepreneurship course	
Portfolio Website	June 2019
Built a website to host the artwork of my sister	
iOS Application	May 2019
Gives Georgetown students the location of open dining options at any time of the day	

Skills

Computer Languages: C, C++, Java, Python, HTML, CSS, Javascript, Swift
Tools & Frameworks: Vim, Linux/Unix Command Line, GCC, GDB, Valgrind, Makefile, JUnit, Bootstrap, JQuery, Node.JS, Express, EJS, Heroku, Git, Github, Raspberry Pi, Android and iOS app development
Languages: French: Professional Working Proficiency | Spanish: Professional Working Proficiency