

Brian Morenus

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EDUCATION

Northeastern University - MS in Computer Science, 4.0 GPA *September 2021 - December 2023*

Troy University - MS in International Relations, 3.92 GPA *January 2016 - July 2019*

United States Military Academy - BS in History, Top 10 % of Graduating Class *June 2009 - May 2013*

SKILLS

Programming Languages: Python, Java, C, Javascript, Bash, SQL, HTML5/CSS3

Development Applications / Tools: Git, Linux/Unix, Jira, Postman, React, Node.js, MySQL, MongoDB

Relevant Coursework: Algorithms, Data Structures, Object-Oriented Design, Distributed Systems, Operating Systems, Database Systems, Programming Languages, Computer Graphics, Network Programming

Certifications: CompTIA Security+

EXPERIENCE

AktaryTech Austin, TX

Software Engineering Intern / Google for Startups Fellow *February 2021 - May 2021*

- Developed two high-frequency trading API connectors for client crypto-exchanges that boosted client liquidity an average of 2.5% per month and supplied over \$40,000 in revenue for AktaryTech
- Provided post-deployment technical support and troubleshooting that onboarded over 50 new customers to the client's exchange platform over a two-week period

U.S. Army Special Operations Command Fort Bragg, NC

Civil Affairs Officer *March 2017 - August 2021*

- Led a team of 10 Special Operations soldiers on 65 ground missions in support of U.S. objectives in Raqqa, Syria
- Provided daily briefs to senior military and Department of State leaders on current issues and events within Syria
- Managed the contracting and funding of over 30 Syrian civil assistance projects to address critical infrastructure gaps

U.S. Army Aviation Seoul, Korea

Aviation Officer *May 2013 - March 2017*

- Served as the platoon leader of 20 soldiers that safely flew and supported over 1,000 UH-60 Blackhawk air missions
- Planned and executed 150 missions as a U.S. Army UH-60 pilot / pilot-in-command in the Republic of Korea
- Managed C-suite operations and scheduling as the Executive Assistant for the 2nd Combat Aviation Brigade Commander responsible for over 2,000 soldiers

PROJECTS

IDEX Hummingbot Connector - Python

API connector that allowed full-stack crypto-trading platforms to run market-making strategies on the IDEX exchange

- Managed asynchronous API requests and Websocket subscriptions that monitored over 30 price updates per second
- Utilized caching and data queuing to efficiently handle update streams for exchange orderbooks and in-flight orders
- Validated program logic and API responses through unit and integration testing with Python's unittest framework