

Full-stack software developer with expertise in Python, JavaScript, SQL, and data analysis, gained through experience in the cryptocurrency, investment banking, and special operations industries. A proven technician with a record of delivering results in high-pressure, high-stakes environments.

TECHNICAL SKILLS

Languages and Frameworks: Python, JavaScript, Next.js, React, Django, Django Rest Framework

Skills and Tools: Jupyter Notebook, Node.js, PostgreSQL, SQLite, MongoDB, Docker, Git

PROJECTS

[CleanAir Compass](https://github.com/orgs/Oxygen-Oriented-Programming), Feb 2023 - <https://github.com/orgs/Oxygen-Oriented-Programming>

- A mapping interface and Air Quality Index alert system utilizing the PurpleAir network.
- Built using Python, Nest.js, Django Rest Framework, Twilio, NextAuth, and Leaflet.

ThoroughZED Analytics, Jan 2023 - <https://github.com/ThoroughZed-Analytics/Thoroughzed>

- A gaming NFT market analysis and valuation tool for the game ZED RUN.
- Built using Python, Jupyter Notebook, SkLearn, Seaborn, Pandas, and Matplotlib.

[Datesters](https://github.com/Datesters/date-night-front-end), Dec 2022 - <https://github.com/Datesters/date-night-front-end>

- An online date planning and matchmaking application.
- Built using React, Node.js, MongoDB, JavaScript, and CSS.

EXPERIENCE

[Rainier Racing Co.](#), LLC, Seattle, WA, Full-Stack Dev | Founder & CEO, Feb 2022 – Present

- Develop proprietary web-scraping programs to collect real-time NFT gaming market data and maintain a market data website, positioning Rainier Racing as a leading source of NFT gaming market information.
- Use data analytics to manage a portfolio of 35+ digital gaming assets, including daily gaming schedules, monthly dividends distribution, and strategic acquisitions/divestitures to maximize profitability with >100% ROA.

Houlihan Lokey, San Francisco, CA, Technology M&A Analyst, Jul 2021 – Mar 2022

- Constructed complex financial/valuation models and presentations to advise C-Suite executives on four cross-border M&A transactions with >\$2 billion in combined enterprise value resulting in \$10 million in fees for the firm across multiple industries.
- Performed market research and analysis, drafted press releases, reviewed and edited legal documents, and led client engagement on 10 projects valued at ~\$3.5 billion, ensuring continuous deal flow for the organization.

United States Navy, Virginia Beach, VA, Special Operations Officer, May 2013 – May 2021

- Process-oriented leader responsible for identifying, assessing, and mitigating risks to personnel and physical infrastructure based on first principles and standard procedure on >500 high-risk operations with zero mishaps.
- Complex problem-solver who pioneered new disarming techniques and directed the development of the associated technical manual for a first-of-its-kind explosive device.

EDUCATION

Code Fellows, Seattle, WA

Certificate - Advanced Software Development in Python - 2023

United States Naval Academy, Annapolis, MD, 2009 – 2013

Bachelor of Science in History, Japanese minor