Dylan Yuma Dodds

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EDUCATION

New York University — GPA: 3.83   New York, NY
Bachelor of Arts in Computer Science; Minor in Business   *Aug 2023 – May 2027*
- Relevant Coursework: Data Structures and Algorithms, Liberal Arts Dean's Circle
- Clubs and Activities: Japanese Student Association, Hong Kong Student Association.

EXPERIENCE

Software Engineer Intern   Shenzhen, China
Han's Laser   *May 2024 – Aug 2024*
- Developed full-stack applications in C++ using Qt for industrial motor control systems.
- Gained expertise in object-oriented design principles and user front-end applications.
- Configured TCP/UDP file-sharing protocols for a GitLab server to ensure secure file transfer and version control.
- Performed code reviews to enhance software quality and performance.
- Translated documents and performed English-Chinese translations during client meetings, fostering cross-border collaboration.

Junior Analyst   Alexandria, VA
DRP Capital   *June 2023 – Aug. 2023*
- Supported mergers and acquisitions projects by assessing potential deals through quantitative models and conducting due diligence to evaluate company valuations and risks.
- Applied statistical techniques to clean, analyze, and interpret datasets, providing insights to optimize strategies.
- Assisted in building data models and visualizing complex financial data for client presentations, using tools like Excel to communicate findings.

Software Engineer Intern   New York, NY
Global Pal   *June. 2022 – Aug. 2022*
- Developed a Google Maps module for an iOS app using Python, integrating geospatial data and location-based features.
- Assisted in data collection and processing to support market research, applying basic statistical methods to evaluate customer behaviors and preferences.

PROJECTS

Home Server | *Ubuntu, Apache, Samba*
- Set up a home server running an Ubuntu Server.
- Configured custom Samba file share application.
- Coded a webpage UI from scratch using Apache.

Cybersecurity Training | *Linux, Nmap, Burpsuite, OpenVPN*
- Extensive experience with HTBLabs training platform.
- Training for Network+ Certification.

TECHNICAL SKILLS

Languages: C/C++, Java, Python, Swift
Developer Tools: Linux, Git, Eclipse IDE, Microsoft VS, Vim, Excel, Telnet, SMB, SSH, AWS
Libraries: Qt, Halcon, OpenCV, React

ADDITIONAL

Spoken Languages: English (Native), Japanese (Fluent), Chinese (Advanced), Russian (Beginner)
Outside Interests: Brazilian Ju Jitsu, Weightlifting