

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, Computer Systems Organization, Liberal Arts Dean's Circle
- Clubs and Activities: BUGS Open Source Club, 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

Personal Portfolio | *Next.js, Markdown, Github Pages*

- Built and deployed a personal portfolio site using Next.js, showcasing proficiency in modern web development practices.
- Integrated Markdown for content management, enabling efficient updates and maintenance of portfolio content.
- Utilized GitHub Pages for seamless, cost-effective hosting and version control.
- Gained hands-on experience with front-end development, responsive design, and website optimization through self-driven project development.
- Enhanced understanding of web deployment workflows and CI/CD pipelines.

Home Server | *Ubuntu, Apache, Samba*

- Deployed a home server using Ubuntu Server, gaining hands-on experience with Linux server administration and system configurations.
- Configured a custom Samba file-sharing application, enabling file access and management across the network.

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: Cybersecurity Capture-the-flag (CTF), Competitive Brazilian Jiu Jitsu, Muay Thai