THOMAS MONFRE

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EDUCATION

Dartmouth College, Hanover, NH   **June 2021**
Bachelor of Arts. Major: Computer Science, Minor: Quantitative Social Science   GPA 3.91

Relevant coursework in full-stack web development, software design/implementation, data structures/algorithms, database systems, mobile development, security/privacy, statistics, and data science.

Honors: *magna cum laude,* James O. Freedman Presidential Scholar, Merit Citation CS52: Full-Stack Web Development

EXPERIENCE

Palantir Technologies, New York, NY   **March 2022 – Present**
Forward Deployed Engineer
- Forward Deployed Engineer at Palantir working on suite of products for US Government customers.
- Engage with team and client stakeholders to deliver high quality software.

Disney Streaming Services, New York, NY (Remote)   **June 2020 – August 2020**
Software Engineering Intern
- Software engineering intern on the Disney+ Web team.
- Contributed to feature development on the Disney+ web application. Assisted the commerce/onboarding and main app teams, working on UI development and integration with backend services.
- Worked under critical release deadlines to deliver key features to Disney+, including Premier Access and Group Watch.
- Built an internal dashboard for managing UI dictionary versions for the Disney+ and ESPN+ web client applications.

Disney Streaming Services, San Francisco, CA   **September 2019 – December 2019**
Software Engineering Intern
- Software engineering intern on the Connected Devices – Native Client Platform team.
- Built a test harness app to assist development of the video player for the Disney+ and ESPN+ native client applications.
- Built internal developer tools with C# and the .NET Core Framework allowing users to create and manage native client projects from the command line.
- Supported the Browser-Based Devices team with pre-launch testing and support of the Disney+ video player.

Dartmouth Applied Learning and Innovation (DALI) Lab, Hanover, NH   **September 2018 – June 2021**
Full Stack Software Engineer & Development Lead
- Developed full-stack web apps and mobile apps in this paid experiential learning lab at Dartmouth.
- Lab-wide development lead (senior year): oversaw development processes for the entire lab, supported new member learning and growth, ran initiatives to improve code quality, CI/CD processes, and best practices.
- Lab-wide partner relations lead (junior year): assisted with project sourcing and partner onboarding.

PROJECTS

Pine Beetle Prediction: *https://spbpredict.com*
Tool for visualizing and predicting movements of an invasive species impacting east-cost forests. Built in the DALI Lab partnering with the US Forest Service and Dartmouth Biology professors.

6AM Health: Web: https://order.6amhealth.com, App Store: *http://tiny.cc/6amhealth*
Mobile and web applications for ordering fresh food to Internet-connected fridges throughout the Boston area. Built in the DALI Lab partnering with a Boston-based start-up.

Zoom CLI: https://thomasmonfre.com/zoom
Command line tool for saving and launching Zoom meetings. Built because I needed it, and open source to share with the world.

PROGRAMMING LANGUAGES/FRAMEWORKS

Advanced: JavaScript, React, React Native, Express.js, Redux
Experienced: TypeScript, MySQL, MongoDB, Python, Java, C#/.NET, C, Bash, R

SKILLS

Have experience building applications for various stakeholders with changing and challenging requirements.
Have experience contributing to large software engineering projects.
Strong communication skills. Experienced working in fast-paced environments. Eager to continuously learn and be challenged.