

Harrison Ford

✉ harrison@0xcc.pw • 🌐 0xcc.pw • in hatf0 • 🐙 hatf0

EDUCATION

University of North Carolina at Charlotte

Charlotte, NC

B.Sc. in Computer Science, GPA: 3.36

Expected Graduation: Dec 2025

- Concentration: Software, Systems, and Networks
- Started a successful software consultancy business while studying full-time.
- Tutored underrepresented POC peers on introductory computer science courses (ITSC 1212, ITSC 1213).

Middle Creek High School

Apex, NC

High School Diploma, GPA: 3.8

Aug 2018 - Jun 2021

EXPERIENCE

Synapse Softworks LLC

Raleigh, NC (Remote)

Senior Software Engineer

Jun 2022 - Present

- Censored. Uncensored resume is provided upon request.

Symmetry Investments

Charlotte, NC (Remote)

Contract Software Engineer

Jul 2021 - Jul 2022

- Wrote & maintained performance-sensitive code that is currently used to trade \$50 million+ USD via algorithmic trading applications.
- Vastly improved the user experience of a large mission-critical internal application.
- Co-led an initiative to provide "private cloud" services for the entire organization, which involved setting up & maintaining a cluster of 20+ Linux servers.

int3 Systems, LLC

Raleigh, NC / Charlotte, NC

Founder / Lead Consultant

Nov 2020 - Present

- Kept business in active compliance with all local & federal regulations.
- Provided software development consulting services for 6+ clients, netting a total of \$150k+ USD over the lifetime of the company.

Premiere Digital Services

Raleigh, NC (Remote)

Contract Software Engineer

Nov 2020 - Dec 2021

- Designed and architected a full software & hardware solution based on the NVIDIA Tegra X1 platform.
- Implemented support for the D Programming Language to Yocto Linux.
- Created a streaming platform using WebRTC to stream real-time video from low-power IoT devices.

PROJECTS

Mir Project

🐙 libmir

Jan 2021 - Present

- Contributed heavily to the Mir project – a collection of libraries designed for scientific computing.
- Revamped CI/CD across the entire project, replacing Travis-CI with GitHub Actions.

D Language Support on Yocto

🐙 meta-dlang/meta-dlang

Jul 2021 - Present

- Support layer allowing for developers to use D Language on Yocto Linux.
- Used as part of my work at Premiere Digital Services.

Intel Wireless Driver on macOS

🐙 AppleIntelWifi/adapters

Jan 2020 - Jul 2020

- Prototype wireless driver built with Apple's IOKit framework. Uses the undocumented Apple80211/IO80211Family libraries.

gRPC D Implementation

🐙 hatf0/grpc-d

Nov 2019 - Present

- High-performance gRPC implementation, written in the D Language.
- Achieved performance directly comparable to native C++ (within 80%).

MISC

- Certified as an AutoCAD Certified User
- Programming Languages: C, C++, D, Python, Rust, JavaScript, Java, Bash, CSS, HTML/5
- Additionally experienced with: AWS, Azure, Cloudflare, WebRTC, Webpack, Windows, macOS, Linux, OpenWRT, WebAssembly, Node.js, TypeScript, Duktape, Embedded Linux, Git, Das U-Boot, Unix, Consul, Vault, Nomad, Kubernetes
- Conversational in Japanese