

Ari Madian

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EDUCATION

University of Washington
B.S. Informatics

Est. Graduation Jun 2022
GPA: 3.7

SKILLS

Programming Languages	Python, C#, Javascript, TypeScript, Java, C++, C, R
Software & Tools	AWS, Git, Node.js, Vue.js, React.js, CSS, HTML, SQL, Docker Excel, Tableau, Jupyter, .NET, Linux and Windows

EXPERIENCE

Software Development Engineer Intern
Amazon

Jun 2021 - Sep 2021

- Driving development and deployment of experimental features in React/TypeScript/Electron frontends and Java APIs that collectively receive ~50 million calls per day

Google Summer of Code Student (Intern)
Creative Commons

May 2019 - Aug 2019
[\[GitHub Repo\]](#)[\[Live Site\]](#)

- Made free and simple copy(right/left) licensing more accessible to millions by revamping an outdated website with a focus on UX, accessibility, and an educational experience of Creative Commons licenses.
- Created wireframes and UI/UX prototypes, conducted usability testing and accessibility audits.
- Site built with Vue/ VueX, Jest and Nightwatch for testing, along with i18n for internationalization.

PROJECTS

NZXTSharp
An open source .NET SDK for NZXT Devices

Dec 2018 - Oct 2019
[\[GitHub Repo\]](#)

- Designed and built an efficient and scalable SDK that controls NZXT PC components with C# by teaching myself about, reverse engineering, and emulating serial and HID communication protocols.
- ~3.5k downloads on [nuget.org](https://www.nuget.org); 39 Stars, 13 Forks on GitHub

OpenFinance
Open source personal finance software for my own use.

Aug 2020 - Present
[\[GitHub Repo\]](#)

- Developed an alternative to commercial finance software to manage and visualize budgets and spending
- Can import bank statements, pull account positions from Coinbase and TD Ameritrade using their APIs, and aggregate stock news, sentiment, and charts with TradingView.
- Built with Flask and SQLite backend, with a React/ Redux frontend.