Ari Madian

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EDUCATION

University of Washington   Est. Graduation Jun 2022
B.S. Informatics

South Seattle College   Graduated Jun 2020
A.S. Computer Science   GPA: 3.6
Activities: Founded Hour of Code Club, Phi Theta Kappa Member

SKILLS

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

EXPERIENCE

Open Source Community Coordinator (Contract)   Mar 2020 - Jun 2020
Creative Commons

- Managed Creative Commons' open source presence and a 600+ person open source community spanning six continents and 20 time zones. Oversaw a 30% growth in community size during my time.
- Drafted and launched a unique community engagement initiative to reward and retain high quality open source contributors that saw 30 actively engaged participants within two months of launch.
- Reviewed hundreds of PRs and issues; maintained social media accounts, the CC open source site and public wiki; significantly reduced repository maintenance overhead by automating workflows with GitHub actions.
- Mentored a diverse set of 125 interns and internship applicants through Google Summer of Code and Outreachy.

Google Summer of Code Student (Intern)   May 2019 - Aug 2019
Creative Commons   [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- Made free and simple copy(right/left) licensing more accessible to millions by revamping an outdated website with a focus on UX, accessibility, and an educational experience of Creative Commons licenses.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   Dec 2018 - Oct 2019
An open source .NET SDK for NZXT Devices   [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; 39 Stars, 13 Forks on GitHub

OpenFinance   Aug 2020 - Present
Open source personal finance software for my own use.   [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, amd aggregate stock news, sentiment, and charts with TradingView.
- Built with Flask and SQLite backend, with a React/ Redux frontend.