
SUMMARY

*Energetic **Full Stack Engineer** specializing in **C#, Java, Javascript, Python & decentralized technologies**. **Creating** products swiftly, **leading** teams, **designing** architecture, & **advising** companies/colleagues are all part of what I love doing with the expertise I've gained in the last **~4 years** of professional experience.*

EMPLOYMENT

Software Engineer	Hyland (formerly Learning Machine)	March 2018 – Current
<ul style="list-style-type: none">• Leads our R&D efforts by experimenting with Decentralized Identities & Verifiable Credentials.• Maintains the Blockcerts OSS by adding features, proposing upgrades, & supporting developers.• Engages with the W3C CCG community by writing technical papers and developing libraries / PoCs.• Increased document anchoring throughput from 10^3 to 10^5 and allowing for systemwide concurrency.		

Advisor (P/T)	Truckl	August 2018 – Current
<ul style="list-style-type: none">• Advises on Verifiable Credentials, Decentralized Identities, and Blockchain based technologies.• Designed original microservice architecture used as the foundation for Truckl's tech stack.• Developed the Blockchain interfaces that allow for the immutable anchoring of important documents.		

Jr. Software Engineer	Masergy	August 2017 – February 2018
<ul style="list-style-type: none">• Built customer facing API's to manage networking and router configurations.• Redesigned monolithic J2EE applications to implement more CI/CD principles with microservices.• Integrated between two engineering teams to produce a project that assisted both teams.		

Jr. Software Engineer	L-3 Technologies	July 2016 – July 2017
<ul style="list-style-type: none">• Developed on .Net and Java apps to display real time sensor and targeting data onto maps and reports.• Orchestrated a successful contract processing simulated aircraft binary data streams.• Maintained software configurations and deployed distributed systems of over 75 machines.		

EDUCATION

Denton, Texas	University of North Texas	Fall 2012 – Spring 2016
<ul style="list-style-type: none">• Bachelor of Science: Computer Science• GPA: 3.4• Undergraduate Researcher: LTE Networks		

PROJECTS

Hackathon - Boltathon 2	Satreon	December 2019
<ul style="list-style-type: none">• NodeJS-based app providing direct lighting payments to content creators for subscriptions & articles.• Utilized Lighting Service Authentication Tokens to allow anonymous users access to content.• Won first place (~\$1500) for adhering to the theme of "Earn" while impressing the audience and judges.		

Hackathon - Radar Strike	LN Split	November 2019
<ul style="list-style-type: none">• Created a ReactJS & NodeJS app that allows for splitting a bill amongst friends and settling via Lightning.• Team awarded \$500 in a side bounty for being a top entry built on Radar's LN-API-Boilerplate.		

Hackathon - Bitcoin 2019	Shine Wallet	June 2019
<ul style="list-style-type: none">• Multi-daemon web-based non-custodian lightning wallet built on Blockstack.• Client side VueJS app using user-owned encrypted storage to secure private lightning configurations.		

LANGUAGES AND TECHNOLOGIES

Technical Languages: C#, Java, Python, Javascript (Node, Vue, React), SQL, Lucene (ElasticSearch)

Technologies: AWS, Docker, Travis, Heroku, Git

Operating Systems: MacOS, Linux, Windows, Windows Server