Nolan Smith

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https://usernolan.net

Experience

NuID

2017-2022

Internet

Co-founder and principal engineer for a cloud-native Authentication -as-a-Service product based on zero knowledge proofs

Established technical proficiency in protocol design and implementation, emerging web technologies, and cloud infrastructure.

Lead small, distributed teams across product development, branding, and engineering.

Granted USPTO 10880089, 11496310 for work on authentication method.

Micro-soft

2015-2017

Redmond, WA

Data Scientist responsible for developing production infrastructure, tooling, and ML models for C-suite reporting

Developed comfort and enjoyment in summarizing complicated results and presenting them to directors and large audiences.

Implemented a compiler and toolchain to improve metric accuracy and reliability, returning dozens of hours each week across the team.

Rustici Software

2013-2015

Nashville, TN

Software engineer developing standards-based e-Learning solutions (SCORM, xAPI)

Developed libraries and browser plugins for interacting with e-Learning APIs.

Contributed to development, propagation, and evolution of a broadly utilized software standard; "radicalized in stewardship."

Education

Vanderbilt University

2011-2015

Nashville, TN

M.S. Computer Science — GPA: 4.0
Thesis: *Completable Futures and Asynchronous Pipelines*

B.S. Computer Science — GPA: 3.83
Earned B.S. and M.S. in 4 years

Minor in Art — GPA: 4.0
Focus on drawing and printmaking

Skills

Clojure	*Cryptography*
Typescript	*Research*
Terraform	*Written*
AWS	*Oral*
Go	*Visual*
Rust	*Interpersonal*
Erlang	
Haskell	

Interests

Hiking
Printmaking
Programming Languages
Abstract Algebra
Music