

Nolan

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NOTALWAYSGRAY.NET

Education

Vanderbilt University – 2011-2015
B.S., M.Sc. Computer Science

Cumulative GPA: 3.777/4.0
Major GPA: 3.854/4.0

Involvement:

Dean's List (All Semesters)
Vanderbilt EECS T.A. (4 Sem.)
Art Minor

Work + Projects

Microsoft Corp. – Data Scientist – 2015-Present

- + Led development and analysis of the Device Age metric, informing high level Windows 10 marketing strategy.
- + Rewrote and maintained the data pipeline powering insights dashboards relied upon by the SLT and CXO offices.

Rustici Software – Software Engineering Intern – 2014-2015

- + Contributed to an [open-source e-Learning library](#) to drive community adoption of a new specification.
- + Researched and implemented a [behaviorally driven conformance test suite](#) for the new specification.

VU Molecular Simulation Group – System Admin – 2013-2014

- + Built a 5-node heterogeneous Linux-based GPU cluster, attaining up to an order of magnitude speed-up for core simulations.
- + Wrote parallel C++ under the CUDA model to optimize jobs.

M.S. Thesis Projects – 2014-2015

- + [Client-Server Application](#) using functional design elements in Java8.
- + [Proof of concept](#) for an online distributed record linkage system based on Apache Storm.

Skills + Languages

Functional Programming
Object Oriented Design
Experimentation
Visualization

Java8

C#/ .NET

R

Scala

Python

Erlang

C++11

JavaScript

Node + Angular

Interests

Functional Design, Distributed Ledger, 3D Printing, Hiking