Nicholas Dullam

Development Lead

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Awards & Honors

Presidential Scholarship, Purdue University, 2019 - Present

Dean's List, Purdue University, 2019 - Present

Skills

Languages

Javascript (Node.js)	Python
C++	Java
C#	C
R	

Dependencies & Frameworks

React.js	Express.js
Mongoose	JWT
Stripe	SciPy
Pandas	NumPy

Databases

MongoDB	SQL
Redis	GraphQL

Platforms & Software

Heroku	Figma
GCS	AWS
S3	

Team Skills

Communication	Collaboration
Agile	Iterative Deployment

Experience

May 2020 - Present, Development Lead
Sustainably, Remote

- Facilitated the full-stack (MERN) development of the SaaS Web App, Sustainably
- Created and managed a documented back-end REST API
- Developed scalable database schema through MongoDB
- Designed and implemented user-forward in-app experiences
- Fabricated custom acquisition, checkout, and subscription management through the Stripe API
- Managed pull requests and version control of a GitHub Organization

Aug. 2016. - Mar. 2018, VP of Engineering
Communicode, Westfield, Indiana

- Designed profile preference generation and weighting procedures
- Researched and developed a K-nearest based matching algorithm using Python
- Oversaw development of publish and sub-scribe methods with GCS

Education

Purdue University, West Lafayette, IN

Bachelor of Science, Computer Science (Machine Intelligence), May 2023

Significant courses: Data Structures and Algorithms, Systems Programming, Linear Algebra, Introduction to Analysis of Algorithms

Bachelor of Science, Data Science (Computer Science), May 2023

Significant courses: Data Mining and Machine Learning, Probability, Statistical Theory

Bachelor of Science, Applied Statistics, May 2023

Certificate of Entrepreneurship, May 2023