Julian Nadeau

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Experience

Instructor
University of Toronto

2019-Present
Toronto, Canada

- Design and implement a new, innovative curriculum (https://dcsil.github.io/CSC491/)
- Teach senior students in a formative capstone design course and help them gain the knowledge necessary to run a successful startup

Senior Software Developer
Ecosystems, GitHub

2019-Present
Toronto, Canada

- Architect and build cutting edge, new experiences in the GitHub ecosystem
- Engage and manage internal and external stakeholders on new features and projects

Software Consultant
Developer Productivity & Tooling

2019-Present
Toronto, Canada

- Consulted and advised companies on developing strategies and tooling around their own developer productivity needs within their organizations
- Helped mitigate the risks of growing an engineering department by reducing friction within the teams and developing tools to aid their work

Production Engineer
Developer Acceleration & Tooling, Shopify

2015 - 2019
Toronto, Canada

- Created the highest appreciated developer tool to manage dependencies and project provisioning for over 1000 developers and set new standards across the organization
- Designed a scalable system to detect and treat non-deterministic tests that are capable of handling billions of data points a week using a Kafka streaming job
- Managed continuous integration needs and automated code signing for the Android and iOS platforms by developing, designing, and creating mobile infrastructure components

Mobile Software Developer
Point of Sale (iOS), Shopify

2013-2015
Ottawa, Canada

- Increased performance and improved user experience of the Point of Sale product by introducing key features in both the client applications and the back-end Shopify application
- Increased confidence and speed of the development cycle by introducing automated test suites and architecting in-house continuous integration systems

Key Experience

- Knowledgeable in various programming languages and frameworks such as Ruby, Ruby on Rails, Bash, Golang, Python, Java, and Objective C
- Worked in a data centre-driven and cloud-driven environments, with experience managing these environments using Chef, Packer, and Terraform
- Experienced public speaker having spoken at multiple international and local conferences, and running multiple communities
- Designed highly scalable systems using data streaming technology to manage billions of data points in real-time

Education

Honours Bachelor of Science, Specialization in Computer Science, University of Ottawa, Cum Laude

2015

Selected Highlights

Community Manager - Developer Productivity

2018-Present

- Manage a community of around 400 individuals focused on the topic of developer productivity, efficiency, and tooling: https:/chat.devproductivity.io

Avoiding Cognitive Overload - Tests for Productivity and Education

2018

- Conference Talk in Sendai, Japan. https://jnadeau.ca/presentations/rubykaigi2018/
- This talk focuses on strategies, solutions, and best practices that are employed to help educate and accelerate developers by providing them information "just in time"

Git Issues at Scale

2018

- Conference Talk in Toronto, Canada. https://jnadeau.ca/presentations/github_constellation_2018/
- This talk dives into some of the key issues that arise with using the Git version control system at scale and explores some solutions I worked on to mitigate these concerns

Improving Boot Time of Ruby Applications by 60%

2017

- Conference Talk in Hiroshima, Japan. https://jnadeau.ca/presentations/rubykaigi2017/
- This talk focuses on our strategies and solutions which improved our boot time by 60% to reduce friction for developers and increase the productivity of your organization

Guest Lecturer, Carleton University

2017-2018

Bundler Organization, Contributor

2017

- Worked with the Bundler team (https://bundler.io) to improve start time performance of Ruby's standard dependency manager by over 60%

Code for Kids, Founder

2013-2015

- Founded and ran a not for profit organization aimed at teaching programming to children and was sponsored by, among others, Google, Shopify, CIRA, CompTIA, and Adobe