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| 216-394-2081 |
| constructible.truth@gmail.com |
| Washington, DC |
| https://github.com/briandamaged |
| https://brianlauber.com/ |

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| B/L | |  | | Brian Lauber | |
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|  | About I’m an experienced Software Engineer with a passion for untangling complicated problems and identifying clear paths forward. | |  | ExperiencePrincipal Software Engineer + Owner*Arclia LLC* / Washington, DCJuly 2014 – Present  * Guided startup founders towards well-defined and actionable Product Visions. * Cultivated Project Management practices within early startups. * Delivered key innovations that converted ideas on paper into tangible products.  Principal Software Engineer*Plutometry Corporation* / Washington, DCOctober 2019 – January 2024 June 2024 – Present   * Coordinated and delivered the Minimum Viable Product (MVP) for the Wealthpoint product, which allowed Plutometry to begin rolling out its pilot program. * Established the mathematical foundation for many of Plutometry’s key concepts, which helped them articulate areas of concern and identify paths forward. * Optimized the ML Pipeline so that it could scale to the demands of a national rollout. * Trained employees and documented critical operations.  Principal Software Engineer33Across / New York, NYMay 2016 – October 2019  * Lead the development of 33Across’s “Server-Side Header Bidding” platform, which operated as a highly-performant and globally-available web service. This allowed 33Across to reinvent its business operations. * Provided architectural guidance for over two dozen internal projects, which helped to facilitate communication across the entire company. |  |
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|  | EducationB. S. in MathematicsCase Western Reserve University2003 – 2008 | |  |  |
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|  | Skills  * Cultivation of Product Vision * Project Management and Road-Mapping * Communication * Algorithm Development * Scalable Architecture * Process Improvement * Complexity Wrangling | |  |  |
|  | Technologies  * Python, Javascript, Ruby, Java, C#, C++, C * Koa.js, Flask, Rails, Sinatra, REST * React, Next.js, Gatsby, WebPack, Babel * MySQL, PostgreSQL, MSSQL, MongoDB, Redis, Hive, RabbitMQ, SqlAlchemy, Knex.js * Jupyter, Pandas, NumPy, scikit-learn * Docker, Terraform, Packer, Kubernetes, AWS, Azure, GitLab-CI, Jenkins * Selenium, QTP * JIRA, Google Docs | |  |  |

# Experience (Continued)

## Senior Software Engineer

### Jibe Inc. / Washington, DC

### June 2013 – June 2015

* Served as the Technical Lead for the DC branch of JIBE.
* Provided mentorship and guidance for development teams.
* Consolidated code bases into reusable components that could be shared across clients.
* Established Ruby package management practices at an organizational level.
* Defined best practices to enhance the scalability and maintainability of JIBE Apply.
* Served as the system administrator for JIRA, Confluence, Jenkins, GitLab, and OpenVPN.
* Refined UAT processes to allow for weekly turn-around.
* Renovated customer communication practices to allow for realtime visibility into integration efforts.

## Instructor

### General Assembly / Washington, DC

### October 2014 – December 2014

* Designed a curriculum for training students on Ruby on Rails.
* Delivered weekly classes that covered a range of topics including Ruby, Rails, Databases, and HTML.

## Senior Software Engineer

### Cigital / Sterling, VA

### June 2008 – June 2013

* Trained QA Teams on how to approach Automation in an operationally scalable manner. (Ex: writing focused tests, extracting fixtures, etc.)
* Architected an automation framework that could discover previously-unknown problems through the use of mutation testing.
* Architected a meta-programming toolchain that greatly extended the capabilities of QTP. This granted the automation engineers access to capabilities such as XPath, Functional Programming, and Declarative Programming long before these capabilities were introduced into the QTP product itself.
* Delivered security training to Clients across the country.
* Served as a technical advisor on a product that integrated Static Analysis into Continuous Integration workflows. (Note: this is very commonplace nowadays, but no such solution existed back then.)
* Lead the design and development of a Web Portal for reviewing Static Analysis Results.