# Jacob Windle

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## 🎓 Education

**George Mason University**, Fairfax, Virginia                                              2012 – 2018
*Bachelor of Science* in Computer Science

## 👥 Experience

**Kickback Rewards Systems** Remote, America                          March 2019 – Present
*Senior Software Engineer*

Contributing to all areas of the organization, with active roles in embedded systems development, full-stack web development, project architecture, and prototype development. Delivering systems that scale and provide value to the organization.

- Implemented heartbeat protocol and web dashboard for legacy application, allowing support staff to monitor software deployments continuously versus in daily batches.
- Led development of data pipeline to combine disparate data sources into a report, automating the previously manual reporting product.
- Lead of new streaming, event-driven product to manage POS systems in convenience stores via modern mobile and web clients.

**Verodin, Inc.** Remote, America                          March 2017 – March 2019
*Software Engineer*

Providing value as a full-stack generalist, involved in development of all company products. Iterating quickly to help Verodin beat competitors to market while still releasing stable code that provided value to customers.

- Designed, developed, and deployed a suite of microservices utilized by the core product, greatly improving scalability of the product by automating software patch delivery and license enforcement.
- Built the company's first CI/CD pipelines, automating the manual build process and reducing touch time of developers in the build.
- Helped convert the user interface of the product into a modern UI framework, allowing for testing frontend code where there was previously not testing.

**Integral Ad Science, Inc.** Remote, America                          March 2017 – March 2019
*Software Engineer*

Designed, developed, and deployed machine learning experiments including a classifier that is still used in the API results today for advertisement classification. Developed a Javascript application for labeling training data, improving the labeling speed of analysts by 300 percent.

## ⚙ Skills

- Programming Languages: Python, C, Javascript, Go, Julia, Java, SQL
- Platform: Linux, Windows
- Software: Django, Ruby on Rails, React, MySQL, PostgreSQL, MongoDB, Kafka, Scikit-learn, Pandas, Jupyter

## ⓘ Miscellaneous

- Blog: https://jake-windle.gitlab.io
- GitHub: https://github.com/jaketothepast