

# Ryan Casalino

*Programmer/Software Engineer*

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<https://github.com/rjpcasalino> | <https://git.sr.ht/~rjpcasalino/> | <https://lobste.rs/u/rjpcasalino>

## Summary

Self-taught programmer and skilled problem solver with proven ability.

## Skills

- Proficient in a number of imperative, object-oriented, and functional programming languages: Go, Ruby, Python, JavaScript, Perl
- Familiar with C
- Acquainted with various libraries, frameworks, tools, and techniques: Ruby on Rails, Django, React, Vue, jQuery, NoSQL and relational databases (MySQL, PostgreSQL), and Redis.
- Working knowledge of numerous cloud providers: Amazon Web Services, Google Cloud, and Microsoft Azure.
- Operating systems: macOS, Linux, Unix (\*BSD), Windows
- Extensive experience with all levels of the software stack, from low-level programming to front-end web development.
- Experienced with the various issues and pitfalls of maintaining legacy code and reducing technical debt.
- Passionate about following good principles of library/API design and clean code structure. A strong proponent of open source software. Unix historical society mailing list member.

## Career History

- **Software Contractor Seattle, WA**  
*Software Programmer: Nov 2019 - Current*
  - I help my clients solve their problems with the tools they tell me to use.
- **React Mobile (startup) Seattle, WA**  
*Software Engineer: Jan 2019 - Nov 2019*
  - Provided bug fixes and new development for safety platform application.
  - Developed location search functionality for platform: JavaScript (Electron and jQuery) front end, Ruby on Rails backend. Provided Operation managers with admin portal to allow for search and add upon multiple vectors.
  - Developed *Microsoft Outlook* email integration with the CMS platform using *OpenID* and *Azure*
  - Primary developer supporting an external *Ruby on Rails* application.
- **GawkBox (startup) Seattle, WA**  
*Software Engineer: Aug 2017 - Jan 2019*
  - Shipped entire front-end SPA with *Vue* and back-end written in *Go*.
  - Created docker containers for back-end and front-end applications and assisted in deployments using *Kubernetes*.
  - Wrote extensive documentation for both external and internal tools and applications.
- **Merchant-e Solutions Atlanta, GA**  
*Software Engineer: Jan 2017 - Aug 2017*
  - Created Node based web API to interact with an Oracle back-end system that managed business transactions.
  - Mentored and assisted developers writing an Angular front-end for internal data visualization web app.

- **Liaison Technologies Atlanta, GA**  
*Web Developer: Nov 2016 - Jan 2017*
  - Aided in creation of data visualization web apps for HIPAA and PCI centered data
  - Worked with a team based in Finland in an Agile setting.

Education

- **School of the Art Institute of Chicago**  
*BFA: September 2006 - December 2011*