Ryan Casalino
Programmer/Software Engineer

(917) 282-7506 | ryan@boringtranquility.io
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 to communicate with users at all levels of technical proficiency. Have worked with a large array of systems and have experience with a wide swath of technologies. Seeking opportunities to foster professional growth.

Skills

- Proficient in a number of imperative, object-oriented, and functional programming languages: Go, Ruby, Python, JavaScript.

- Familiar with C

- Acquainted with various libraries, frameworks, tools, and techniques: Ruby on Rails, Flask, Django, React, Vue, MySQL, PostgreSQL, SQLite, and Redis.

- Working knowledge of numerous cloud providers: Amazon Web Services, Google Cloud, and Microsoft Azure.

- Operating systems: macOS, Linux, Unix (*BSD)

- 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

- **Freelance Contractor Seattle, WA**
  Software Engineer: Nov 2019 - Present

  - Have assisted small vendors in deployment of web apps built with HTML, CSS, JavaScript. Wrote "glue" for third party API integrations and have worked with a plethora of data sets. Most back end work has been done with Python and Flask. I use Rust for toy projects.

- **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 micro-services using Python (2 & 3) with Flask framework. Utilized numerous and varied libraries such as Requests, Pandas, Urllib3, et al. These tools were used in conjunction with AWS tools such as SNS, S3, Lambdas.

- **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