

Charlie Tanksley

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Work Experience

2014 - Present: Senior Software Developer - InQuicker LLC/Stericycle

- Responsible for acquisition and storage of reporting data
 - Designed and implemented processes for adding new data sources.
 - Directed development, improvement, and maintenance of ETL processes and a data warehouse.
 - Maintained a number of chef cookbooks related to data acquisition and maintenance.
- Led initiatives to get more data in front of more users (both internal and external)
 - Designed and created a system to notify account managers of likely configuration problems.
 - Created new interfaces to enable internal users to access data needed to make informed decisions.
 - Designed and built an in-house analytics tool.
 - Directed development, improvement, and maintenance of reporting interfaces.
- Worked to improve the team's processes and tools
 - Converted numerous script-based tools and processes into user-facing tools to empower internal users.
 - Set up log and metric based alerting for a number of systems across the broader team.
 - Created dashboards of data warehouse, log, and metrics data to track KPIs and likely failure points.

2012 - 2014: Software Developer - Highgroove Studios/Big Nerd Ranch

- Wrote multiple internal tools to solve problems (e.g., an app to answer 'who is on vacation today?') and/or increase developer happiness (e.g., a store where you can buy trinkets with your chatroom 'karma').
- Led a team (I was a solo backend developer working with external designers, internal designers, and an HTML/CSS developer) to write a document management and sharing application.
- Led a team (three developers) working on a service oriented architecture application for monitoring and reporting on embedded devices. This project involved determining and implementing a testing strategy for what was effectively an untested application, then writing a new client application to interact with the existing database application.
- Worked with a partner on a data analytics application processing large volumes of data. An example component: I wrote an application that parsed log entries (logging api hits) on multiple servers, passed (and received) relevant information to Salesforce, and then collected that data in one central location.

2011 - 2012: Software Developer - Sourcescape/MoonClerk

- Wrote a library to connect internal payment processing business logic to external payment processing API (Stripe).
- Updated and cleaned up views in the core Rails application (this included porting from Haml to Slim and Twitter Bootstrap).
- Added tests and refactored legacy code.

2010 - 2012: Lecturer in Philosophy - Clemson University

- Taught four sections (40 students each) of logic and/or ethics to undergraduate students.
- Wrote a tool (a Rails application) to simplify and streamline the process of creating professional web sites for academic philosophers.
- Worked with colleagues and students to improve their research, writing, and presentations.

Education

- Georgia Tech Institute of Technology - M.S. Computer Science: 2016 - Present
- University of Virginia - Ph.D. Philosophy: 2004 - 2009
- Texas A&M University - M.A. Philosophy: 2001 - 2004
- Samford University - B.A. Philosophy: 1998 - 2002