

New Concepts Development

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Minimum Requirement: Can be trained to do data entry on a rough data entry process on custom systems (ability to keep calm and read the stack trace). The ability to solve problems and the desire to learn new programming/IT related skills is required.

Ideal Initial Requirements: An entry level programmer that will be brought up to speed on handling data entry for an existing rough/buggy process and then (with supervision/help) contribute towards refactoring the applications and databases involved in the process to make it a polished process. Should you fix the process to the point that it does not consume many work hours, we will find other stuff for you to get up to speed on and contribute towards polishing.

Things you may have an opportunity to learn, or gain additional experience on if you are already familiar with them:

IT

- 2x domains
- On site servers
- Airwatch for iPads

Source Control

- Bitbucket/Git
- Codebase for many applications. Some are hundreds of thousands of lines.

JIRA

IDE

- IntelliJ

Reading stack traces and Debugging with a debugging tool

Design Patterns

- Inversion of Control, MVC, Commands, Decorators, Factories, etc

Playframework 1 and 2

- Java
- Scala (to a degree, we are migrating away from it)

AngularJS

Cloud experience

- AWS (EC2, RDS, SES)
- Heroku

Database Experience

- Relational
- Non-Relational
- Elastic Search
- MS SQL Management Studio
- SSIS packages

Applications that synchronize over the web

- Thrift
- RESTful

Web scrapers

- HTML unit
- Maintain and potentially add implementations
- Some are distributed clusters on the cloud

Online Payments

- Stripe
- Billing server
- PCI/DSS (or at least understanding it well enough that you are 100% sure you don't accidentally do anything covered by it)