SAMPSON CROWLEY

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Full-Stack Developer and Systems Administrator with background in server construction, networking, graphic editing, printer installation, workstation construction, and general IT troubleshooting.

Fluent in both Windows and Unix based server systems.

EXPERIENCE

INTERNATIONAL SPORTS SPECIALISTS, INC. — *Full-Stack Developer*   2017 - CURRENT
                                                                                          Logan, UT
Create and maintain a multi-featured React/Ruby hybrid web application to migrate employees from MSaccess to a web based work environment. This application has a complex feature set that includes mass print management, lead creation, ecommerce, customer account tracking, travel preparations and other multi-resource web forms.

VIKING CODE SCHOOL — *Software Engineering Apprentice*   2016 - 2017
                                                                               Remote
Built well-tested production web applications as part of a rapid iteration team using Agile methodologies and modern technologies stacks such as Ruby on Rails, SQL, Javascript and AngularJS. Applications included a full-featured social network and a single-page app task-management system

INTERNATIONAL SPORTS SPECIALISTS, INC. — *Network Administrator*   2012 - 2016
                                                                                         Logan, UT
Managed ISSI's network. This included building and managing web servers, phone servers, spam filters, email servers, domain controllers, firewalls, MySQL databases, and workstations. Also tasked with answering customer service and sales calls.

ZENGER ANALYTICS, INC. — *Quality Assurance*   2009 - 2010
                                                                     Boston, MA
Assisted with locating software bugs in web application.

PROJECTS

SecureWebToken – Generate, encrypt, and decrypt signed JSON web tokens using secure defaults
- Ruby
- Web Authentication
- Gem Creation
- TDD - ActiveSupport::TestCase

AssociateJSONB – Ruby on Rails PostgreSQL JSONB Extensions
- Ruby on Rails
- ActiveRecord Plugin
- JSONB Associations
- Thread-Safe PostgreSQL JSONB
- TDD - Rspec

Gameboard – A coordinate grid based board game gem
- Strict MVC Framework
- Ruby
- TDD - Rspec
- TomDocs
- Contribution Standards

Game Center – A collection of JavaScript games
- 100% Vanilla JS - No Frameworks
- Mobile and Keyboard Controls
- Performance Optimised Canvas Rendering
- Advanced Collision Detection
- JS Module Pattern

Fideligard – A Stock Portfolio Simulator
- AngularJS
- Ruby on Rails
- MongoDB
- Open Data Aggregation
- Multi-View States
- Bootstrap

Volunteering – A US volunteering statistic breakdown
- CanvasJS
- Open Data Aggregation
- API Caching
- DelayedJob
- Socrata/soda-ruby

SKILLS

- Ruby/Rails
- Elixir/Phoenix
- JavaScript/TypeScript/NodeJS
  - React, Angular, Vue, jQuery
  - Webpack/Babel Configuration
- CSS Preprocessors
  - SCSS, LESS, CSS Modules

- OOP Design Patterns
- Test Driven Development
- Behavior Driven Development
- Agile Workflows
- Docker/Containerized Apps
- Systemd Services

- Server Installation & Management
- Networked applications
- Unix/Linux
- SQL & NoSQL Databases