**Roger John Robertson Jr**

Seattle, WA 98125 | +1 717-404-6469 | [rjrjr@pm.me](mailto:rjrjr@pm.me) | [Github](https://github.com/strangrjrjr) | [Blog](https://strangrjrjr.github.io/) | [LinkedIn](https://www.linkedin.com/in/roger-robertson-jr/)

**SECURITY ENGINEER**

Full stack web developer and a quick study with a knack for clear, concise communication. Passionate about application security and user privacy. Penetration testing experience using Vulnhub, OWASP Juice Shop, and HackThe Box.

**TECHNICAL SKILLS**

Ruby, Python, Rails, SQL, JavaScript, React, WebSockets, JWT, Auth, Bash, Linux, OSINT, Subnetting, Scanning and Enumeration, Burp Suite, Metasploit, Static and Dynamic Code Analysis

**TECHNICAL PROJECTS**

**Emissary** - [Github](https://github.com/strangrjrjr/emissary) | [Demo](https://emissary.netlify.app/)

Real-time chat application using WebSockets, JWT Authentication, and ActionCable

* Utilized JWT to authenticate users
* Established multiple WebSocket connections to allow for selective group chats, including creating and deleting chats
* Leveraged ActionCable channels to perform db actions and broadcast results
* Hardened configuration for deployment by restricting CORS domains and routes to the Rails server, requiring TLS, and implementing token expiration

**QuizPeril** - [Github](https://github.com/strangrjrjr/quizperil)

Group project building a timed trivia application utilizing the Open Trivia Database, Rails, and JavaScript

* Built Rails server requests to fetch data when available, or parse cached JSON if API was unavailable
* Implemented a MySQL database using ActiveRecord object serialization for complex data
* Wrote a custom JavaScript UI including timers, modal alerts, and custom CSS

**EXPERIENCE**

**Journeyman Carpenter with L.U. 816 / MRN Homes, LLC** Seattle, WA

Lead Carpenter 03/2014 - 03/2020

* Brought in for expertise on faltering project, was instrumental in completing remaining work in ⅓ of the time estimated
* Mentored apprentice carpenters on problem solving and conflict resolution resulting in higher quality work and improved team dynamics
* Quickly acquired skills to work independently on a wide variety of projects, increasing job completion rate and customer satisfaction while reducing manager workloads

**E&J Enterprises** Naknek, AK

Welder/Commercial Fisherman Summer – 2011-2017

* Trained and managed a crew of 4-10, oversaw production and maintenance that resulted in being a top 10 producer for 6 years running
* Started a small business providing welding, metal fabrication, and repair services to fill a market gap for smaller repairs which reduced customer downtime and increased profits

**Marlin Steel Wire, LLC** Baltimore, MD

Welder/Supervisor 11/2011 – 12/2013

* Initiated unique ISO 9001 lean manufacturing processes to interpret design documents into workable final products
* Supervised and trained a team of 6-12 members, quickly onboarding new talent to meet production goals

**EDUCATION**

**Flatiron School** Seattle, WA

15 Week Intensive - Full Stack Web Development 03/2020 - 06/2020

* Frontend: JS fundamentals (ES6+), Component Pattern, React.js, Redux
* Backend: Ruby fundamentals, MVC pattern, Rails, SQL, ORMs, Active Record, ActionCable

**University of Washington, Bothell and North Seattle College** Seattle, WA/ Bothell, WA

Completed coursework towards the Graduate Certificate in Software Design and Development GPA 3.47 04/2017 – 05/2019

**St. John’s College** Annapolis, MD

Bachelor of Arts in the Liberal Arts GPA 3.9 09/2007 - 5/2011