

# Leah Rose Gerald

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## TECHNICAL SKILLS

**Proficient** JavaScript, Node.js, Express, React, Redux, React-Redux, Sequelize, Git  
**Knowledgeable** Mocha, Chai, Bluebird, HTML, CSS, JQuery, SQL, Phaser.io, Firebase, Firestore, Web Workers, D3

## PROJECTS

**Play Date | Developer** | [github.com/Lgerald/PD](https://github.com/Lgerald/PD)

A gamified dating app, designed so users play through several rounds where they must pick between two potential matches

- o Created using NERD stack, with the intent of migrating to a Firestore backend
- o Designed Match/pair logic, and associations with a co-developer
- o Agile development workflow supported by github projects board

**On My Line | Developer** | [github.com/on-my-line/on-my-line-app](https://github.com/on-my-line/on-my-line-app) | [on-my-line.herokuapp.com](https://on-my-line.herokuapp.com)

Progressive Web App designed for finding attractions, food, events, and places specifically on-or-near a user's subway line

- o Designed with four co-developers over the course of 2.5 weeks
- o Created using NERD stack, Firebase, and D3
- o Agile development workflow supported by Waffle.io
- o Owned implementation of service workers to ensure seamless offline capabilities

**Doggo-Atsume (Dog Collector) | Sole-Developer** | [github.com/Lgerald/doggo-Atsume](https://github.com/Lgerald/doggo-Atsume) | [doggo-atsume.herokuapp.com](https://doggo-atsume.herokuapp.com)

Score-driven, 2D-game designed for two players

- o Created for Hackathon over a four day period
- o Developed in JavaScript using Phaser.io framework to render game graphics and motion

**Crystals | Developer** | [github.com/LERN-grace-shopper/grace-shopper](https://github.com/LERN-grace-shopper/grace-shopper)

E-commerce site that built in a weeklong sprint with a team of four agile developers

- o Created backend for storage and retrieval of inventory using Express and Sequelize
- o Developed responsive frontend using React to allow for intuitive and simple UI/UX

## EXPERIENCE

**Fullstack Engineer Teaching Fellow** | Fullstack Academy of Code | New York, NY

February 2018 - Present

- o Debugged, Mentored and taught concepts and best practices with about 30 students
- o Administered technical interviews for prospective students roughly 2 times weekly
- o Worked on an engineering team for maintenance of internal website, LearnDot
- o Managed 3 student projects from ideation to deployment as a team manager, technical mentor, and code reviewer
- o Created additional content and Led lectures on weekends

**English Language Instructor** | Chungdahm Learning Institute | Seoul, ROK

August 2016 - March 2017

- o Led English classes ranging from 4 to 25 students at an academy for kindergarten, elementary, and middle school students
- o Expanded Curriculum by adding lectures to discuss special topics (such as US elections, and Relations with North Korea)

**Neuroscience Undergraduate Researcher** | University of Richmond | Richmond, VA

July 2013 - December 2015

- o Conducted a study in order to test the effects of fear in the maternal brain using rats as a model organism
- o Quantified data by extracting and sectioning brains, and observing neuronal activity present in the amygdala

**Research Mentor** | University of Richmond | Richmond, VA

2013 June – May 2015

- o Edified high school students through learning research lab best practices and skills
- o Guided 2 students through working on and presenting their own research projects

**Club President** | BARK (Bandits Adoption and Rescue of K-9s) club | Richmond, VA

July 2013 - May 2016

- o Lead an Organization that provided volunteers and support for Non-profit, no kill K-9 Shelter
- o Raised over \$200,000 over the course of 2 years for the shelter to fund necessary renovations

## EDUCATION

**Fullstack Academy** | Grace Hopper Program: Immersive Software Development Boot camp

September 2017 - February 2018

**University Of Richmond** | Bachelor of Science in Biochemistry & Molecular Biology

September 2012 - May 2016

**University of St Andrews** | The Art of Medicine - programme for Visiting American Students

September 2013 - December 2013