

# Leah Gerald

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## TECHNICAL SKILLS

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

## PROJECTS

**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) *February 2018*  
*Progressive Web App designed for finding attractions, food, events, and places specifically on-or-near a user's subway line*

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

**Doggo-Atsume (Dog Collector) | Sole-Developer** | [doggo-atsume.herokuapp.com](https://doggo-atsume.herokuapp.com) *January 2018*  
*Score-driven, 2D-game designed for two players*

- Created for Hackathon over a four day period
- 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) *January 2018*  
*E-commerce site that built in a weeklong sprint with a team of four agile developers*

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

## EXPERIENCE

**Teaching Fellow** | *New York, NY* | Fullstack Academy of Code *February 2018 - Present*

- Served as mentor to students in coding boot camp
- Created content and Lead additional lectures on weekends
- Worked on engineering team, resolving issues with the schools' learning platform

**English Language Instructor** | *Seoul, ROK* | Chungdahm Learning Institute *August 2016 - March 2017*

- Led English classes ranging from 4 to 25 students at an academy for kindergarten, elementary, and middle school students
- Expanded Curriculum by adding lectures to discuss special topics (such as US elections, and Relations with North Korea)
- Gained firsthand Experience teaching ESL and test preparation to non-native speakers

**Psychology & Neuroscience Undergraduate Researcher** | *Richmond, VA* | University of Richmond *July 2013 - December 2015*

- Conducted a study in order to test the effects of fear in the maternal brain
- The aim of the study was to prove that mothers experience less fear in the face of stressful situations
- Quantified data by observing neuronal activity present in the amygdala

**Researcher Mentee** | Johns Hopkins University & **Research Mentor** | University of Richmond *2012 & 2013- 2015*

- As a High school student, I Participated in Women in Science and Engineering Program to gain firsthand experience in a lab
- Shadowed a graduate student at the Sidney Kimmel cancer research center, and Gave a capstone presentation on their project
- As a College student, I worked as a Research Mentor, similar to the one I participated in as a high school student
- Guided 2 students through learning basic lab skills, and working on and presenting their own Research projects

**Club President** | *Richmond, VA* | BARK (Bandits Adoption and Rescue of K-9s) club *July 2013 - May 2016*

- Lead an Organization that provided volunteers and support for Non-profit, no kill K-9 Shelter
- Raised over \$200,000 over the course of 2 years for the shelter to fund necessary renovations
- Spearheaded several new On campus fundraising event to promote and raise money for the shelter

## EDUCATION

**Fullstack Academy** | Grace Hopper Program: Immersive Software Development Bootcamp *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*