Julia Pearson

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Languages and Databases

- JavaScript, Node.js, Ruby, Rails, Java, Python, HTML, CSS, Clojure
- SQLite, PostgreSQL, Mongo

Experience

Teacher's Assistant at General Assembly (GA)   *January 2016 — Present*

- Teaching GA graduates new programming frameworks that weren't included in their course

General Assembly — Web Development Immersive   *October 2015 — January 2016*

- Built full stack JavaScript and Ruby web applications (with and without frameworks)
- Using Github to effectively collaborate with team-members and keep code organized
- Implementing APIs and different types of databases

Advancement for Rural Kids (ARK)   *Summer 2013 — October 2015*
Business and Web Fellow

- Performed data analysis on ARK's many programs to assess their success and areas to improve
- Assisted in the creation of the ARK Venture fund, built potential business models, launched pilot

Projects - *built from the ground up*

Web Apps

- ARK's new single-page website, which I built, designed, and whose data analysis/copy I generated
  JavaScript, Node.js, Angular — Excel (for data analysis and aggregation) and PowerPoint for designing wireframes
- Mobile-friendly web app that allows users to reserve and mark available street parking in NYC
  full stack JavaScript app using Node, Mongo, Google API, and deployed to Heroku
- Wiki-style web app for families/groups to collaboratively write/edit their shared history
  full stack Ruby app using SQLite DB and deployed to Heroku
- Data-tracking web app, which interacts with users via email and text message
  full stack Ruby-on-Rails app, SQLite DB, Charts.js, Twillio and Mailer APIs, deployed to Heroku

Games

- Playable *Settlers of Catan* with full game logic and a data-driven, winning AI
  Java run locally with GUI
- Game of *Simon* that checks user input and notifies them of progress
  JavaScript, HTML, and CSS

Education

Amherst College   *Graduated May 2015*

BA in Economics and English   *Amherst, MA*
Junior spring spent at **University of Otago** in New Zealand
Other courses in: Computer Science, Philosophy, Mathematics, Greek, Chinese, and Russian

Saint Ann's School   *Graduated June 2011*