# Brendan Hamill

Github  LinkedIn

**e-mail:** brenhamill@gmail.com
**phone:** 347.306.6214
**address:** 1023 71st St, Brooklyn, NY 11228
**web:** http://www.brendanhamill.net

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## Skills

**React  Redux  JavaScript  jQuery  Ruby  Rails  RSpec  CSS  SQL  Flux  Git**

## Work Experience

**Lead React Developer - Ritani LLC**                                       **Dec 2018 - Present**
*React, NodeJS, AWS, Electrode open-source e-commerce platform*
Lead for team of four developers creating new React-based Ritani website. Developed Redux cycle and base app architecture for site, which successfully launched MVP after 3 months, including product listing and detail pages for 80k+ individual diamonds, hundreds of rings, cart/checkout, education, homepage, + more. Learned Electrode platform (Walmart e-commerce configurable web server using Hapi) to incorporate server-side rendering, SEO optimisation, & other best practices.

**Full-Stack Software Developer - Ritani LLC**                              **April 2018-Nov 2018**
*Ruby on Rails, jQuery, React, Spree open-source eCommerce platform*
Led integration of React pages into existing RoR site for custom ring-configuration tool. Maintained and developed new content for Ritani, including implementation of redesign of highest-volume pages including product detail and listing pages (PDP/PLPs). Using jQuery, created filters for PLPs, integrating complex logic for design-your-own jewelry products. Updated APIs for complex diamond + setting combinations for site redesign.

**Portfolio Finance Analyst - Institute of International Education (IIE)**   **Jan 2016 - Nov 2017**
Lead analyst for the Fulbright Student program (Department of State program with a budget of $80m/yr) & 80 smaller programs. Assisted in conversion of financial system from SAP to PeopleSoft; trained staff of 100+ on new financial system & compliance w. 2 CFR 200, resulting in enhanced team performance. Prepared annual budget/rebid and designed new technical reports and systems for improved budget transparency and compatibility with new financial system. Monitored subawards and conducted oversight visits to force compliance.

**Program Finance Analyst - IIE**                                           **Dec 2014 - Dec 2015**
Analyst for the Brazil Scientific Mobility Program, a $1b program for STEM exchange. Created MS Access database to generate and analyze over 3000 concurrent grantee budgets. Successfully oversaw cash flow management and forecasting, and financial reporting during cash flow crisis. Managed payments for 12 temp staff.

## Projects

**Shelf -** Full stack single-page web application inspired by Amazon's Goodreads      **Site | Github**

**Merchant of Mercury -** HTML5/Canvas & Javascript game                              **Site | Github**

**Traverse -** JavaScript library exploring principles of jQuery                       **Site | Github**

## Education

**App Academy**                                                             **Nov 2017 - Feb 2018**
1000-hour immersion software development course (80-100 hours/wk) with <3% acceptance rate, teaching full-stack development including React, JS, Rails, Ruby, SQL, algorithms, and programming best practices.

**M.Sc.- Environment & Development, London School of Economics**            **Fall 2011 - Winter 2012**
Leading program focused on environmental policy and sustainable development, including sustainability policy, climate change mitigation & adaptation. Thesis topic: relative cost-benefit analysis of geoengineering schemes.

**B.A. - Political Science & Japanese Studies (Double Major), University at Albany**   **Fall 2005 - Spring 2009**
Magna cum Laude with Honors, Phi Beta Kappa; overall GPA 3.72, Dean's List (seven of eight semesters)