Jared Beneroff
Software Engineer
jbeneroff.github.io/portfolio

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Summary

Software engineer with a diverse background in full stack web application development, data analysis with python, and 5 years of preclinical neuroscience research looking to work in and advance a field utilizing new technologies.

Skills

- Languages & Frameworks: JavaScript, React, Ruby, Rails, Python, jQuery, Node.js, Express, AJAX, HTML5, CSS, APIs, Front-end, Back-end.
- Management & Deployment: Git, GitHub, Command Line, RSpec, Heroku.
- Databases: SQL, PostgreSQL, MongoDB.
- Methodologies: Object Oriented Programming, MVC Pattern, Test-Driven Development, Responsive Design, Authentication, Wireframing, Agile Development/Scrum, Troubleshooting/Debugging.

Experience

Software Engineering Immersive Student, General Assembly   **June 2021-Present**

- 12-week, 500+ hour training program focused in Git/GitHub, HTML, CSS, JavaScript, Node, MongoDB, SQL, Ruby, and Rails.
- **Projects:**
  - DeCryptor - Cryptocurrency forum built with Ruby on Rails and React
  - Code Doctor - Stack Overflow clone built with MongoDB, Express, React
  - NeuroLog - Neuroscience article database built with React and AirTable
  - FinView - Stock market screener built with JavaScript, HTML, CSS

Research Technician, Columbia University, Barnard College, NYSPI   **Sept 2019-May 2021**

- Conducted preclinical research focusing on the mechanisms of learning with an emphasis on how time is learned and used to guide behavior.
- Developed and implemented a protocol for a novel way to implant fiber optics simultaneously with adeno-associated viruses in the brain of mice using moth silk to record the firing of neurons.
- Created an experimental method for measuring working memory in mice using a touchscreen.
- Used python and SQL for analysis of experiment data.

Education

Bachelor of Science, Neuroscience   **May 2015**

University of Delaware, Newark, DE

Cumulative GPA 3.6

Dean's List   **Fall 2011-Spring 2015**

University of Delaware Scholar Award   **Fall 2011-Spring 2015**