Shahriar Ahmed   f

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Projects	**Flora** - React, Flux, Ruby on Rails live | github *Created an intuitive single-page workflow site inspired by Quora* ● Leveraged unidirectional state updating of React and Flux for responsive interaction with low bandwidth requirements. ● Implemented custom ORM calls and JSON output for low-latency user experience. ● Ensured the smallest possible state and state changes to reduce bloat and maintain a fast, reliable user experience . **Absolute Zero** - Javascript, Phaser.js, HTML5, Canvas live | github *Developed a fast-paced tower-defense style browser game* ● Optimized redraws for multiple object rendering simultaneously by only updating objects that have had their state changed, allowing for more objects to be displayed at a higher framerate. ● Implemented low-overhead audio queues for an immersive experience. **ActiveRecord lite** - Ruby github ● Implemented lightweight ORM to simplify CRUD interactions.
Skills	● Ruby ● Ruby on Rails ● RSpec ● JavaScript ● jQuery ● React ● Flux ● SQL ● Git ● HTML5 ● CSS3
Experience	**New York City Health and Hospitals** - Assistant Healthcare Program Analyst (12/2014 - 12/2016) ● Self-taught AutoIt to automate Medicaid eligibility look-up, resulting in five times quicker, error-less processing, while redirecting almost all human resources away from task. ● Automated all other unit-related and some departmental tasks via custom-created AutoIt scripts in conjunction with Excel.
Education	**App Academy** (12/2016 - 2/2017) ● 1000-hour full-stack programming course with <3% acceptance rate. ● Emphasis on coding style, best practices, TDD and paired programming. **Sophie-Davis School of Biomedical Sciences (CUNY)** - B.S. Biomedical Sciences (8/2007 - 5/2012)