Peter Slotkin
SOFTWARE DEVELOPER

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RECENT PROJECTS

SportUp: [@live](#) [@github](#) (JavaScript, Rails, PostgreSQL, React.js)
- Allows users to create/find groups in their area to organize sport gatherings
- Manages user authorization with password encryption and utilizes before_actions to verify users at protected pages
- Leverages React lifecycle methods and Flux architecture to provide information on demand extremely efficiently (utilizes AJAX)

Gridblock: [@live](#) [@github](#) (JavaScript, React.js, CSS/HTML)
- Puzzle game built with Javascript and React. There are twenty different levels (more to come!) and intuitive controls

Physics Thesis: (Mathematica)
- Built a working realistic model of the earth and a satellite using public GPS satellite data. Tested the effects of various dark matter distributions on the satellite's orbit

SKILLS

-- JavaScript, Ruby, Ruby on Rails, React, jQuery, SQL, PostgreSQL, Git, HTML, CSS
-- Mathematica, LaTex, Python(learning), NetLogo(learning), RSpec (learning)

EDUCATION

App Academy, New York, NY (Summer 2016)
3-month intensive full-stack web developer training, focused on current design patterns/tech
Middlebury College, Middlebury, VT (2012 - 2016)
Bachelor of Arts in Physics, Bachelor of Arts in Economics

RECENT EMPLOYMENT

Mount Sinai School of Medicine, New York, NY   2015
Biochemical Lab Assistant
- Was trusted with and mentored my own intern. Taught procedures and safety protocols. Oversaw the entirety of his project and helped get it published, all in under two months

Rosemont Capital, New York, NY   2014
Research and Analysis
- Researched and provided reports on possible investment opportunities, which required the analysis of financial statements/records and often direct conversations with the companies themselves. Developed a company analysis template that they still use today, which can easily be filled out and clarifies exactly what information is important

Mount Sinai School of Medicine, New York, NY   2010
Biochemical Lab Intern
- Colonized cells; isolated chemical compounds from various herbs and tested the effects of these compounds on human IGE levels; published and was the primary author of an abstract on the effects of Qu Mai on human IGE levels in the *Journal of Allergy and Clinical Immunology Vol. 127, Issue 2*

OTHER/PERSONAL STARTUP

- Entered and won a competition at Middlebury College where I was a part of a three man team that created and developed the most promising startup company. This involved product development, target demographic research, developing a business model, and reaching out to/partnering with manufacturers, advisors, lawyers, and distributors