

Jonathan Bernesser

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Full Time Software Experience

2U Inc. – *Software Engineer I*

October 2016 - PRESENT

Customized, automated and delivered end-to-end online master's degree programs for top universities across the US.

Accomplished through: a self and team developed *python* based CMS and a myriad of automation tools utilizing *AWS Lambda*, *AWS Kinesis*, *S3*, *Ruby ERB*, *Ruby Sinatra*, *Node JS*, *Docker*, *Kubernetes*, *Jenkins* and more.

Freelance Software Experience

access mobile Inc. – *Web Developer: Rails & Ember*

September 2016 - PRESENT

Actively developed health clinic software for developing nations in Africa led by Mode Set and Echobind consulting.

Accomplished through: a deep *Ruby on Rails* JSON Api integration including, *jsonapi-resources*, *elasticsearch*, *pundit* authorization, *sidekiq*, *redis*, *rspec* and an extensive *Ember* frontend.

Self-Driven and Group Experience

<u>Clarkebase:</u> Rails based way to transfer the cryptocurrency, Clarkecoin.	<u>Trendwolf:</u> An Elm, Rails webapp to visualize google's top fonts.	<u>Squarepocalypse:</u> A simple Java game emulating Geometry Wars.
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Overall Skills

Tech: Ruby on Rails, Ember, ES5+ Javascript, Elm, Java, Python, CSS, HTML, git, AWS based server architecture including Lambda, step functions, S3, Kinesis, Elastic Beanstalk, route53 + more, Docker, TDD, Postgres, Mongo DB

Soft: Pair programming, agile workflow, Jira, Pivotal Tracker, remote working, motivation, code review, git workflow, love of the craft

Education

2016: Full-Stack Web Development, Turing School of Software and Design, Colorado

2012: B.A in Personal and Professional Communication, SUNY Geneseo, New York

