

# Jonathan Bernesser

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## Full Time Software Experience

<p><u><a href="#">2U Inc.</a></u> – <i>Software Engineer I</i></p> <p>October 2016 - PRESENT</p> <p>Customized, automated and delivered end-to-end online master's degree programs for top universities across the US. This includes an application service, secure data transfer software and learning management software</p> <p><b>Accomplished through:</b> a self and team developed <i>python</i> based CMS and a myriad of automation tools utilizing <i>AWS Lambda</i>, <i>AWS Kinesis</i>, <i>S3</i>, <i>Ruby ERB</i>, <i>Ruby Sinatra</i>, <i>Node JS</i>, <i>Docker</i>, <i>Kubernetes</i>, <i>Jenkins</i>, and more.</p>
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## Freelance Software Experience

<p><u><a href="#">access mobile Inc.</a></u> – <i>Web Developer: Rails &amp; Ember</i></p> <p>September 2016 - PRESENT</p> <p>Actively developed health clinic software for developing nations in Africa led by Mode Set and Echobind consulting.</p> <p><b>Accomplished through:</b> a deep <i>Ruby on Rails</i> JSON Api integration including, <i>jsonapi-resources</i>, <i>elasticsearch</i>, <i>pundit</i> authorization, <i>sidekiq</i>, <i>redis</i>, <i>rspec</i>, and an extensive tested <i>Ember</i> frontend.</p>
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## Self-Driven and Group Experience

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

