

Chad Bergman

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Projects

Questa, Stack: Rails, React.js, PostgreSQL, AWS, SJCL, HTML, CSS, Git

- Full Stack Q&A application, with a crisply formatted front end and end-to-end client side encryption. Soon to include tagging and dynamic filtering.

KittyGrabber, Stack: Javascript, CreateJS, HTML, Git

- JS game incorporating EaselJS, TweenJS and PreloadJS to render content with minimal HTML front end.
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Skills

Ruby • Javascript • Rails • jQuery • React • SQL • CreateJS • Git • HTML5 • CSS3
Stata • Autodesk Inventor • Solidworks • CNC Machining • Teaching • Office

Education

App Academy, New York, NY

March 2017

- Rigorous 1000-hour software development course with <3% acceptance rate.
- Teaches **full-stack** web development: Rails, SQL, JS, React, TDD, algorithms, security, design patterns, and programming best practices.

Dartmouth College, Hanover, NH

B.A in Economics,

April 2015

- Studied economics including micro & macro, econometrics, financial intermediaries, inter-firm competition and strategy, environmental economics and energy economics.
 - Studied a **wide-range** of other topics including calculus, quantum mechanics, astrophysics, computer science, engineering/design, political science and medieval history/architecture.
 - GPA 3.25; GRE **169V/170Q**
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Experience

Thayer School Machine Shop Teaching Assistant,

February 2016 – Oct 2016

- Operated a CNC mill, CNC lathe, laser cutter, and acetylene torch among other tools.
- Advised Dartmouth students and faculty in **prototype fabrication** at the primary machining resource of a top-tier engineering school.
- Instructed an audience with no experience with these tools on safe and effective operation.
- Completed ToolingU coursework in various engineering fundamentals.

Tutor.com Physics and Calculus Online Tutor,

Sep 2012 – January 2016

- Provided private instruction to individuals to improve academic performance.
- Reviewed class material with students by working solutions to problems.