Evan **Freethy**

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EXPERIENCE

Metaio Computer Vision - *Manager (Sept 2014 - June 2015)*
- Captured 3x growth in software downloads in the North American market during Q1 2015 through a data-driven Google Adwords restructuring. Utilized the R programming language for linear regressions and thresholding.
- Gave live coding demonstrations for building augmented reality experiences with Javascript at technology conferences and Silicon Valley Meetups.

SKILLS

Ruby, React.JS, Rails, Javascript, jQuery, HTML, CSS, SQL, git, TDD

PROJECTS

Expression *(Rails, React.JS)* | live | github
- Single Page application with robust user authentication.
- Rails backend API serves JSON to the client on a React.JS frontend.
- Global search function for finding people, stories, or topics across database

Chess *(Ruby Console Game)* | github
- Move validation algorithms for pieces with path-space highlighting.
- AI opponent featuring deep duplication of board to simulate next move.

Asteroids *(Javascript, HTML canvas)* | live | github
- Detects collisions through objects' coordinates, radii, and Euclidean distance
- Custom physics logic and boosters alter ship's position in space

EDUCATION

University of California Los Angeles - Mathematics / Economics B.S. 2014

Software Development - *App Academy Summer 2015)*
Admission rate < 5%. Immersive software development course with focus on web development and agile methodologies. Strong emphasis on code quality and design patterns.

RELEVANT COURSEWORK

Mathematical Statistics, Probabilistic Analysis, Linear and Nonlinear Optimization, Integral and Differential Calculus, Linear Algebra

GITHUB efreethy **PORTFOLIO** efreethy.github.io
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