

# Max Bildner

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New York, NY

[Portfolio](#)

[Linkedin](#)

[GitHub](#)

## Skills

JavaScript ES6, React / Redux, Ruby on Rails, PostgreSQL, Microsoft Excel VBA macros, pivot tables, MatLab, Python, Bloomberg Terminal, conversational fluency in Mandarin Chinese

## Projects

### Coinspace

[live site](#) | [github](#)

Ruby on Rails, PostgreSQL, JavaScript, React / Redux, Recharts, jQuery, HTML5, CSS3, Sass, Webpack

*A single-page Coinbase clone where users can buy, sell and research cryptocurrencies*

- Aggregated JSON data from multiple AJAX queries / API endpoints to calculate accurate daily price volumes
- Created custom charting tooltip component using React Recharts library, for enhancing interactivity and functionality
- Reduced portfolio dashboard component lines of code by 62% by utilizing a mapping function within a JS Promise to retrieve historical currency data
- Increased security by deploying custom back-end user authentication pattern using BCrypt (Blowfish encryption)

### Art and Finance

[live site](#) | [github](#)

JavaScript, d3 Library, HTML5, CSS3, Sass, Webpack

*A visualization of Return on Equity using Piet Mondrian paintings, for publicly listed US firms*

- Reduced latency for autocomplete search by minimizing JS Promises & Async functions, improving UI/UX design
- Parsed 9,000 financial datasets using functional decomposition to increase code readability and DRY principles

## Experience

**Philcomsat Holdings Corp**, Manila, Philippines

2016 - 2019

Financial Analyst

- Built private equity valuation model to price target firm, which was used in negotiations and resulted in purchasing the stock at a 74% discount to book value
- Analyzed and created financial models for satellite, and military drone joint venture projects

**Hamlin Capital Management**, New York, NY

Fall 2012

Fall Analyst Intern

- Boosted fund performance by analyzing and pitching Garmin stock, which achieved 11% annualized 7-year returns
- Trained on Bloomberg terminal and used dividend discount models to value potential equity investments

## Education

**App Academy**, New York, NY

Summer 2019

Immersive 1000+ hour software engineering course with focus on full stack web development (~3% acceptance rate)

**CFA Institute**

2018

Passed Level I of the CFA program in the top 10 percentile of candidates across the globe

**Dartmouth College**, Hanover, NH

2015

B.A. Studio Art (Architecture), minor in Human Centered Design (Engineering)

- Worked with Dartmouth Investment & Philanthropy Club to manage a 360k portfolio (2010 - 2013) which has consistently beaten the S&P 500 benchmark
- Co-founded Aspirex Investments, LLC. (2012 - 2015): Equity long-only fund that achieved 33+% annualized returns over 3 years; developed semi-automated rule-based equity trading algorithms in python