

MORGAN NEWMAN

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EDUCATION

University of California, Santa Barbara

September 2014 – June 2018

- **Major:** Economics (3.51 GPA), **Emphasis:** Statistical Computing
- **Programming Coursework:** Intro to Data Structures and Algorithms (A), Problem Solving in C++ (A+), Data Science with Relational Databases (A)

RECENT PROJECTS

Personal Website: morgannewman.io (for additional information and projects)

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[Demo](#) / [GitHub](#)

- Built in 24 hours with 2 teammates from Facebook and Cloudflare at Intuit Small Biz Hack, 2018
- Designed a responsive front-end interface in React, with a Python back-end
- Created a continuous-integration setup to rapidly prototype and test the app

Womby: A web-based notetaking app

[Demo](#) / [GitHub](#)

- Built as a mobile-first, responsive web application in React
- Prioritized intelligently preserving user data and following accessibility best-practices
- Utilized React, CSS/Sass, Jest/Enzyme, Travis, and Google Firebase

Womby Backend: Secure user authentication and data storage

[Demo](#) / [GitHub](#)

- Architected a full RESTful API in Node / Express to persist data in Womby
- Followed current best-practices to ensure user data remains secure
- Utilized Node, Express, Mocha/Chai, Travis, and Heroku

Open Source Contributions

- **RateFlix (>16,000 users):** Added a major feature to this Chrome plugin, allowing Netflix to show clickable Rotten Tomatoes ratings for TV shows and movies – I ♥ Rotten Tomatoes

EXPERIENCE

Software Engineer, Apprentice

July 2018 – January 2019

Thinkful

Remote

- Created and deployed mobile-first applications while learning new languages and frameworks by collaborating several hours every week with a senior web developer
- Emphasis on Node, Express, React, MongoDB, PostgreSQL, and modern JavaScript

Analyst, Intern

May 2017 – August 2017

FastSpring (SaaS Startup)

Santa Barbara, CA

- Effectively presented key data insights to non-technical middle- and upper-managers, weekly
- Improved marketing email engagement by 14% using statistical modeling insights
- Built a data dashboard for non-technical managers to better understand data insights

Management Consultant, Intern

March 2017 – July 2017

Warren Consulting Group

Goleta, CA

- Worked with defense industry titans to analyze a difficult corporate merger
- Learned to effectively interact with many different departments, both technical and non-technical
- Helped the CEO make a key multi-million-dollar decision with my team's analysis presentation

ENGINEERING SKILLS

- **Front-End:** JavaScript, React, Redux, Jest, Enzyme, jQuery, HTML5, CSS3, Sass
- **Back-End:** Node.js, SQL, noSQL, Mocha & Chai, Passport, REST APIs
- **Dev Tools:** Git, GitHub, Chrome Dev Tools, Heroku, Google Firebase, AWS, Travis CI
- **Familiar:** C++, Python, R, Bash, Design Patterns, Data Structures, Algorithms