MORGAN NEWMAN

morgannewman.io

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GitHub

LinkedIn

StackOverflow

EDUCATION

University of California, Santa Barbara   **September 2014 – June 2018**
B.A. Economics   **4.0 Comp Sci GPA, 3.52 Overall GPA**
- Advanced courses in **Computer Science** and **Statistics**
- Offered a prestigious Computer Science TA position by CS faculty member

RECENT PROJECTS

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

Knowted: Aggregate learning resources to level-up, better   **Demo** / **GitHub**
- Led 3 other engineers, mentoring them on code quality and designed the architecture of the **React** codebase
- Created RESTful data model and implemented the front-end controller in **React** / **Redux**
- Fixed numerous bugs and implemented GET request parameters in **Node** / **Express** backend

Lexii: Discover relevant images to pair with your written content   **Demo** / **GitHub**
- Created a continuous deployment pipeline for rapid prototyping with teammates at hackathon
- Scaffolded and debugged the backend server with **Python**
- Designed and rapidly built an entire front-end using **React** and **Sass**

Womby: A web-based notetaking app   **Demo** / **GitHub**
- Applied SOLID principles to create a mobile-first rich text editor using **React** / **Redux**
- Faithfully recreated desktop app-like design from mockups using **Sass**
- Implemented a RESTful backend using **Node** and **MongoDB**
- Performed extensive **accessibility** (**a11y**) testing to ensure app inclusivity

Open Source Contributions
- **RateFlix (>16,000 users):** Submitted a major **pull request**, adding a new data provider and front-end functionality to display even more critic ratings on Netflix
- **FlixCritic (Creator):** A more modern Chrome extension than RateFlix; appends Rotten Tomatoes critic information while browsing Netflix — I ♥ Rotten Tomatoes

EXPERIENCE

Software Engineer, Apprentice   **July 2018 – January 2019**
Thinkful   **Modesto, CA**
- 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