

ARIEL JAKUBOWSKI

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SUMMARY

Full Stack Software Engineer with a Mechanical Engineering degree, a desire to learn, and organizational, analytical, and communication skills. Mechanical Engineering sparked my love of empathetic design; Software Engineering refined it. I am fascinated by the human experience of technology and passionate about creating the best experiences for people.

PROFESSIONAL EXPERIENCE

SOFTWARE ENGINEER | Wayfair | Boston, MA

February 2020 - Present

- + Designed and programmed new tool using React, PHP, and SQL, enabling managers to create custom training forms, reducing future demand on multiple teams. Increased review process efficiency by 500% and decreased process duration by 13% for 8 teams. Created database schema, technical, and UI designs. Wrote unit tests and code reviews to ensure quality benchmarks were met. Added features, resolved bugs, and improved UI and information handling in multiple codebases for customer service tools, reducing average handle times by 12%.

PROJECT ENGINEER | Andersen Corporation | North Brunswick, NJ

October 2017 – February 2019

- + Redesigned facilities using AutoCAD and Autodesk Inventor. Investigated product defects and implemented corrective actions. Standardized and improved processes, reducing rejected product and process duration by 8%. Managed \$2M projects, including scope, schedule, and cost, saving \$52M in expected loss. Supervised contractors and technicians.

ENGINEERING INTERN | Legrand | Fairfield, NJ

Summer 2016

- + Created Product Environmental Profiles. Documented design changes; updated product documents and CAD models.

INTERN | Janssen Pharmaceuticals, Johnson & Johnson | Raritan, NJ

Summers 2014 and 2015

- + Organized and maintained database, reconciled documentation and prepared financial reports for medical trials.

TECHNICAL SKILLS

JavaScript, React, PHP, Ruby, Rails, SQL, HTML, CSS, Sass, Redux, Jest, React Router, Git, Azure, GraphQL, Docker

TECHNICAL PROJECTS

Serene [Github Backend](#) | [Github Frontend](#) | [Demo](#)

Serene is a guided online journal to help you evaluate and manage stress in a productive and healthy way

- + Implemented customizable user interface employing React, custom CSS, Chart.js, Moment.js and Semantic UI
- + Utilized React Router to implement client side routing and allow users to easily and intuitively navigate webpage
- + Created database schema and configured ActiveRecord associations with Rails and Postgres

Read Me [Github Backend](#) | [Github Frontend](#) | [Demo](#)

Find your next read and track your books with Read Me

- + Utilized Google Books API to pull and parse data on books, built backend with Rails, created user database with Postgres
- + Implemented user interface employing React, Semantic UI, and custom CSS
- + Implemented client side routing with React Router to allow users to easily and intuitively navigate webpage

Wordle [Github](#) | [Demo](#)

A fun word game that lets users test their vocabulary and typing skills

- + Built backend with Ruby on Rails, stored user data with Postgres
- + Designed user interface with HTML, JavaScript, and custom CSS
- + Deployed Wordle on Heroku to allow anyone to play

EDUCATION

Flatiron School, New York City

September 2019

Software Engineering/ Full Stack Web Development, JavaScript and Ruby on Rails program

Lafayette College, Easton, PA

GPA: 3.3

Bachelor of Science in Mechanical Engineering, Minor in English

May 2017

Study Abroad: Saint Louis University, Madrid, Spain. Semester long Mechanical Engineering program

Fall 2014