VANESSA PREMA

FULL STACK WEB DEVELOPER

CONTACT

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PROFESSIONAL EXPERIENCE

PROJECT ENGINEER I   📍 Atlanta, GA

Graphic Packaging Int. // Jan 2018 – Dec 2018

- Presented technical application and sample code of a streamlined process to shorten machine and part release by 40% using VBA programming
- Utilized engineering standards to design custom parts using SolidWorks modeling to enhance machine system
- Acted as a trusted advisor to customers for on-site projects during machine upgrade installs for new products and system integrations
- Troubleshot clients' technical issues by providing best practice recommendations and collaborating with engineering and services teams
- Quoted part kits with sales team for buyers interested in running advanced processes based on labor, material, and assembly cost

ENGINEERING INTERN   📍 Berlin, GER

Elektrocouture // May 2017 – July 2017

- Implemented project timeline from concepts to final production for 5 wearable technology pieces
- Consulted designers on material selection, microcontroller programming, 3D printing, and circuitry
- Partnered with safety footwear company to prototype different LED integration methods for work boots
- Managed logistics for Berlin Fashion Week events by collaborating with local vendors, clients, and designers

EDUCATION

FLATIRON SCHOOL

Full Stack Web Development // 2019

- Javascript, React, Redux, Ruby on Rails

GEORGIA INSTITUTE OF TECHNOLOGY

B.S., Materials Science & Engineering // 2017

PROFESSIONAL SKILLS

PROGRAMMING

- REACT | REDUX | JAVASCRIPT | RUBY | PYTHON

ENGINEERING

- MATLAB | SOLIDWORKS | KEYSHOT | PHOTOVIEW

TECHNICAL PROJECTS

CINEPOP

Explore movies to watch & streaming information

- [Web App](#) – Built with Redux, React & Ruby on Rails
- Generated responsive view using React keystroke listeners in search bar & infinite scroll on landing page
- Embedded movie trailers using Semantic UI embed
- Applied React-Router library to dynamically display multiple pages
- Employed multiple API's to provide information about movies, streaming platforms, and cast members

PURSUIT OF POKÉNESS

Catch all the Pokémon from every region

- [Web App](#) – Built with React & Ruby on Rails
- Implemented JWT library to authorize and authenticate user login on frontend and backend
- Persisted user's caught Pokémon in backend using Ruby on Rails and PostgreSQL
- Wrote custom algorithms to randomly generate Pokémon on map and determine catch success/fail
- Designed game-like user interface using Semantic UI React and custom CSS animation

DRESSD

Keep track of all your clothes & outfits

- [Demo Video](#) – Built with Ruby on Rails & Bootstrap CSS
- Integrated MVC design pattern and full CRUD functionality to manage user data
- Created responsive user interface allowing users to mix and match clothes based on inventory