VANESSA PREMA

• software engineer •

CONTACT

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EDUCATION

GEORGIA INSTITUTE OF TECHNOLOGY

B.S., Materials Science & Engineering | December 2017

FLATIRON SCHOOL

Web Development | March 2019

PROGRAMMING SKILLS

Javascript
Typescript
Java
Python
React
React Native
Redux
MATLAB
Ruby
Rails
PostgreSQL

ENGINEERING SKILLS

Lean Six Sigma - Yellow Belt
SolidWorks
Keyshot
Minitab
PhotoView 360
Inventor
Fusion 360

WORK EXPERIENCE

NCR Corporation — Atlanta, GA
Software Developer III - Aloha Next Generation — 2020 - Present
Key Technologies: Android, React Native, Java, Jira, Confluence, Redux, Typescript, NodeJS

- Leading team to create a React Native point-of-sale application with a focus on new feature development
- Conducting Agile ceremonies and using methodologies to optimize feature work and reduce cycle time
- Developing the Java bridge architecture for the primary payment solution connecting UI to native OS
- Supporting product team by providing technical knowledge to assist in setting high level estimations
- Collaborating with multiple teams across NCR to implement payment features and logging functionalities

Tin Roof Software — Atlanta, GA
Software Developer I - NCR - Aloha Next Generation — 2019
Key Technologies: Android, React Native, Java, Jira, Confluence, Redux, Typescript, NodeJS

- Built clean and reusable styleable component libraries to improve developer efficiency
- Participated in RESTful API design and UI loading data integration
- Utilized unit and functional testing tools such as Cucumber and Jest

Graphic Packaging International — Atlanta, GA
Project Engineer I — 2018
Key Technologies: Visual Basic, SolidWorks, Microsoft Office Suite

- 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

Elektrocouture — Berlin, Germany
Engineering Intern — 2017
Key Technologies: SolidWorks, Python, Raspberry Pi

- 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

TECHNICAL PROJECTS

Cinepop — 🔗 Demo
Explore movies to watch & streaming information
Key Technologies: 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