

# VANESSA PREMA

• software engineer •

## CONTACT

 (404) 200-6072  
 [vanessabprema@gmail.com](mailto:vanessabprema@gmail.com)  
 [vanessaprema.com](http://vanessaprema.com)  
 [github.com/vprema94](https://github.com/vprema94)

## 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 2021

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