

Jephtey Adolphe

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Education

Rutgers University, New Brunswick, NJ

Expected December 2021

Bachelor of Science in Electrical and Computer Engineering w/ Minor in Computer Science

- **Relevant Coursework:** Embedded Systems, Data Structures, Computer Architecture & Assembly Language, Discrete Mathematics, Introductory Programming

Relevant Skills

- **Languages:** Java, Python3, C, C++, Html/CSS, Javascript
- **Tools / Technologies:** React.js, Git, Postgres, Flask, Django, JavaFX, Pycharm, IntelliJ

Personal Projects

Weather App (Full Stack)

- Developed using **Javascript** and **React.js** along with **Bootstrap** for the frontend and **Django** for the backend
- Utilized the OpenWeatherMap API to retrieve the weather data

Sorting Visualizer

- Created using **Python3** with the **Tkinter** library
- Displays a clear visual representation of various sorting algorithms such as quick sort, merge sort, selection sort, insertion sort, and bubble sort

ATM Simulator

- Built using **Java** and **PostgreSQL** to simulate a real ATM machine allowing customers to deposit and withdraw from their accounts connected to a unique customer number and PIN
- Used **JavaFX** to create the GUI
- Allows for both checkings and savings accounts which are unique to every customer in the database
- Implemented login, logout, and sign up features

Personal Website

- Developed a personal website with the **React.js** framework
- Added additional style and structure using **HTML** and **CSS**

Work Experience

Schindler Elevator Corporation R&D, Randolph, NJ

Jan 2020 - Aug 2020

Electrical Engineering Intern

- Developed an innovative proprietary relay device, reducing safety circuitry testing time by 70%
- Designed and maintained electrical parts and schematics using OrCAD
- Aided Senior test engineers in testing, circuit analysis, and updating documentation
- Presented weekly progress reports to my team

Amazon, Robbinsville, NJ

May 2019 - Sept 2019

Warehouse Associate

- Efficiently collected, sorted, and transported packages throughout the facility
- Assisted in the onboarding process of new team members as well as helping them follow safety precautions