

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:** Databases, Network Programming, Data Structures, Discrete Mathematics, Introductory Programming, Design & Analysis of Algorithms

Work Experience

Jefferies, New York, NY

June 2021 - Aug 2021

Software Engineering Intern

- Developed and maintained internal applications to increase efficiency and productivity
- Tested applications in order to identify and resolve performance issues

Schindler Elevator Corporation, 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

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 and helped them follow safety procedures

Personal Projects

Epileptic Flash Checker

<https://www.youtube.com/watch?v=UGMMMeE0W9fE>

Microsoft's Imagine Cup Coding Competition

- Web app that analyzes YouTube subclips to determine whether or not they're safe for people with epilepsy
- Developed using **Python's Flask** framework and **Html/CSS**

Online Auction System

<https://www.youtube.com/watch?v=dcd-20-Hp1I>

- Implemented admin specific functionalities such as generating earnings reports, tracking best performing sellers/items, and the ability to for admin-created customer representatives to answer questions
- Utilized **Java** Servlets, **JSPs**, **MySQL**, and **Apache TomCat** to pass parameters between pages and maintain authentication through redirects

Color Find - Stress Relief Coloring App

<https://www.youtube.com/watch?v=UBM88ntIC14>

- Tracked stress through image completion rates/color selections and stored data in an **AWS MySQL** database
- Designed and implemented image analysis algorithm using **Python's** OpenCV and PIL libraries
- Built foundation of user interface in **Flutter** with an **Android** emulator

Extracurriculars

Google Coding Competitions

- Organized virtual hub for Rutgers University students to compete alongside each other (20+ teams) in Google's HashCode coding competition
- Competed in Google's Code Jam & Kick Start algorithmic competitions

Relevant Skills

- **Languages:** Java, Python3, C, C++, Html/CSS, Javascript, Dart
- **Tools / Technologies:** React.js, Flutter, Git, AWS, SQL, Flask, JavaFX, Heroku, Linux/Unix