

Cameron Dyas

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EDUCATION

State University at New Paltz

Bachelors in Computer Science

New Paltz, NY
December 2021

- Cumulative GPA: 3.0/4.0
- Relevant Coursework: Object Oriented Programming, Software Engineering, Discrete & Continuous Algorithms, Intro to Data Science, Discrete Math

Dutchess Community College

Associates in Information Management

Poughkeepsie, NY
March 2018

- Cumulative GPA: 3.1/4.0
- Relevant Coursework: Unix/Linux, System Analysis and Design, Advanced Software Apps for Business, Visual Basic Programming

PROFESSIONAL EXPERIENCE

State University at New Paltz

Campus Intern, Full Stack Developer

New Paltz, NY
December 2021

- TMAS: Traffic Measuring & Analysis System that utilized a Dual Lens People Counting Camera to track people entering and exiting the campus library.
- Utilized a MySQL database for cameras counting traffic data. Propagated data to websites made with HTML, CSS, JavaScript, and PHP for the backend server connections.
- Created charts using Google Charts using its JavaScript library in conjunction with Ajax to dynamically change data and provide analysis.

Electra Technologies

IT Support Intern

West Hartford, CT
August 2021

- Interacted with staff at all levels and all site locations, provided first-level contact and problem resolution.
- Interfaced with IT contacts, technical contractors, and vendors that supplied technology resources and support to the Electra team.
- Provided technical support for collaboration tools such as Zoom, Webex, and Microsoft Teams.

SKILLS

- **Programming Languages:** Java, PHP, JavaScript, Python, HTML, CSS
- **JavaScript Libraries:** React, Node.js, JQuery, Socket.io
- **Other Technologies:** Django, Hadoop, Raspberry Pi, Linux, C++, Git, OOP, JSON

PROJECTS

Grocery POS Website

New Paltz, NY

Software Engineering Class (State University of New Paltz)

August - December 2020

- Utilized HTML/CSS/JavaScript for the first time to create a cloud based Grocery Point of Sale website with an inventory of items and users saved in a MySQL database with PHP for the backend.

Traffic Analysis Website

New Paltz, NY

Campus Internship

August - December 2021

- Implemented new traffic counting camera in campus library and created a web interface using HTML/CSS/JavaScript and libraries including jQuery, Ajax, and Google Charts.

Live Chat App

Brewster, NY

Personal Project

December - January 2022

- Created a live chat room application using React, Node.js, Express, and Socket.io for the backend communication between browser and server.