

Justin A. Cote

(610) 739-0861 | personal: justin.cote25@gmail.com | [LinkedIn : Justin Cote](#) | [ePortfolio](#)

EDUCATION

The Pennsylvania State University

College of Engineering

Bachelor's in computer science

Minor in Entrepreneurship and Innovation in Engineering

University Park, State College, PA

Graduation : May 2024

GPA: 3.3

Dean's List

WORK EXPERIENCE

Go Time LLC

Front End Developer

State College , PA

March 2024 – July 2024

- Drafted and Designed a React.js website for the emerging NIL athlete business Go Time LLC
- Website utilizes CSS & HTML for styling, accessibility, and seamless user interaction
- Worked cohesively with CEO and Operations Manager during product development
- Currently maintaining/pushing updates to the website

Penn State, University Park Research Program

Computer Science Research Assistant

State College, PA

March 2023 – Dec 2023

- Researched use of AI in a dynamic language setting (JavaScript) for data type prediction
- Utilized Python libraries to web scrape open-source libraries to build data set

Multi-Dimensional Integration Advantage

Software Integration Coordinator

Allentown, PA

May 2022 – Dec 2022

- Analyzed project requirements and performed technical calculations supporting design solutions
- Designed scripts in Java and Python to perform system functions across PLC I/O devices using Ignition
- Worked directly with clients to ensure historical data preserved across servers in times of system malfunction

State Farm Insurance

Summer Intern (Paid)

Fogelsville, PA

June 2019 – Sept 2019

- Migrated client data from hard copies to digital platforms and introduced SQL for faster client data examination
- Utilized Excel functions and concepts to translate data from physical to digital format
- Grew communication and interfacing skills while working directly with clients

PROJECTS

PT@Home

Penn State, University Park

2024 Spring Semester

- Tasked to create a 'New Business' idea for ENGR 407 class
- In charge of designing UI/UX for mobile application portion
- Constructed a mobile app with React Expo and initialized document-based storage with MongoDB
- Utilized Git commands from terminal for version control and collaborative development

HeardTHT Mobile Development (Personal Pursuit)

Penn State, University Park

2022 - Present

- Building a cross-platform music collaboration web/mobile application using React.js
- Utilizes Redux and Global Context to ensure privacy of data on front end
- Integrated to work with multiple streaming platform API's and a personal Cloud Firestore collection set

NFL Fan Shop Site (Capstone Project)

Penn State, University Park

2023 Fall Semester

- Assigned to create an environment where a user could interact with a DBMS
- Practiced full stack development utilizing React.js (frontend) Node.js (backend) MySQL (DB)
- Hosted the UI using Netlify, hosted the backend on the localhost, and ran a local MySQL server

Propositional Logic Calculator

Penn State, University Park

2024 Spring Semester

- Designed a Propositional Logic calculator using truth table logic in Python
- Class objects take complex propositional statements and sentences as Args to interpret and return truth values

SKILLS & INTERESTS

JavaScriptXtension (ES6)	Python	React.js	C	Database Management	Full Stack Dev
Object-Oriented Programming	JavaScript	Node.js	GIT	Console/CMD line debugging	HTML/CSS