Nathan Bergman

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EDUCATION:

Computer Science, Bachelor of Science   GPA: 3.0
Penn State University, The Behrend College
Graduation date: May 2025

SIGNIFICANT COURSES:

Artificial Intelligence, Data-Driven Security Analytics, Machine Learning Data Science, Programming Language Concepts, App Programming, Engineering Quality and Security in Software, Netcentric, Database Management Systems, Operating System and System Programming, Computer Organization Architecture, Data Structures and Algorithms, Object Oriented Programming with Web-based Applications, Website Design, Python Programming, Intro to Cybersecurity

TEAMWORK EXPERIENCE:

Senior Design: Scavenger Hunt App   Fall 2024-Spring 2025
- Created a scavenger hunt app to be used in First Year Seminar courses as a way to learn about the campus
  - Utilized React Native, MSSQL, C#, and Javascript, HTML, CSS

App Programming: Tete-a-tete   Fall 2024
- Created an app that connects local strangers to chat with each other
  - Utilized React Native, Javascript, Expo, MongoDB

Web Services: TutorTrac Redesign   Fall 2024
- Created a website to replace Penn State Behrend's outdated TutorTrac website
  - Utilized Javascript, CSS, HTML, MongoDB

Engineering Quality and Security in Software: PennStateSoft   Summer 2024
- Created software for Penn State to use as a Canvas integration tool
  - Utilized Javascript, CSS, HTML, MongoDB

Software Engineering: UniBridges: Fall 2023
- Created an application that allowed students from different universities to chat with each other
  - Utilized Java, CSS, and MongoDB

WORK EXPERIENCE:

Temporary Food Service Worker, Compass Group - East Stroudsburg, PA   June 2024-August 2024
Prepared and served food for the Resica Falls Scout Reservation.

Erie Hall Monitor, Penn State University – Erie, PA   February 2023-Present
Monitored the front desk of Erie Hall, and provided customer service to students and guests.

SOFTWARE SKILLS:

- Java
- Linux
- Excel
- JavaScript

- C++
- MySQL/MongoDB
- MIPS
- Expo

- C
- HTML
- GitHub
- React Native

CLUBS AND ORGANIZATIONS:

Golf Club: Penn State Behrend   2024-Present
Track and Field: Penn State Behrend   2023-Present
- Competed in Javelin, Shotput and Discus
Behrend First Gens: Penn State Behrend   2022-Present