NICHOLAS BOGAN

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EDUCATION

Purdue University   *2022-2026*
Majoring in Computer Science   CS GPA: 3.94, Cumulative: 3.63
Pursuing minors in General Management and Mathematics

CERTIFICATIONS

Amazon Web Services: Certified Cloud Practitioner   *2023*
IDEO: From Ideas to Action, Insights for Innovation   *2023*
CLEP: Principles of Management   *2022*

PROJECTS

Aestreus, Personal website programmed in ReactJS at bearly-codes.github.io   *2023 - Present*
Productivity Timer, Productivity tool created in Java with JavaFX   *2023*
Boiley Byte, nutrition tracker programmed in React with NodeJS and MongoDB   *2023 - Present*
TA-Alert, Automated Selenium based web scraper that monitors student forums *2023*

WORK EXPERIENCE

Undergraduate Researcher, Gustavo Rodriguez-Rivera   *2024*
-Research on low level optimizations including an Assembly profiler
-Won 2nd place at the Purdue CERIAS research conference poster competition
CS Teaching Assistant, Purdue CS180 and Purdue Bridge Program   *2023 - 2024*
-Over two semesters of experience guiding computer science students and holding labs
-Developed automated tools to aid in managing student questions
Purdue Space Day, Group Commander   *2024*
-Leadership position within a volunteer organization, guided kids through space based activities

SKILLS

Technical Skills

Java	: 3 years of experience, developed my own applications
R	: Learned through a Purdue Datamine class
HTML, CSS, ReactJS	: Self-taught, 1 year of experience, and used heavily in class projects
C/C++	: Learned through a Purdue CS class
Python	: 5 years of experience, recent experience through Purdue Datamine classes
Assembly/Systems	: Learned through Purdue, near top of my class in an optimization challenge

Soft Skills

Agile	: Took multiple classes that taught and used Agile methodology
Self-Teaching	: Learn quickly through textbooks and the internet, extremely flexible
Collaborative Coding	: Good at functioning in groups and working with code that isn't my own

HONORS

Dean's List, Purdue   *Fall 2022, Fall 2023*
Member of Alpha Lambda Delta Phi Eta Sigma, Purdue Honors Society   *2022 - Present*
Indiana Freemason's Scholarship, Grand Lodge of Indiana   *2022, 2023*
Purdue Klinsky Scholar, 21 credit hours earned in 5 weeks   *2021*