Jonah Osband

(240) 694-5020 ♦ jonahro2002@gmail.com ♦ GitHub: josband ♦ LinkedIn: Jonah Osband

EDUCATION

University of Pittsburgh, Pittsburgh, PA   Degree Expected: April 2024
Bachelor of Science in Computer Science   **GPA: 4.0**

RELEVANT COURSEWORK

Data Structures and Algorithms ♦ Discrete Structures for Computer Science ♦ Introduction to Systems Software ♦
Computer Organization and Assembly ♦ Linear Algebra ♦ Calculus 1 & 2

PROJECTS

Chess Game - (April 2022-Present)   GitHub: josband/java-chess
  ➢ Employ Java and Object-Oriented Programming to create a game with an interactive Java Swing based GUI
  ➢ Evaluate optimal data structures to use based on required tasks such as maps and lists

Personal Website (December 2021-January 2022)   GitHub: josband/josband.github.io
  ➢ Applied HTML to structure multiple pages containing my resume and important links
  ➢ Implemented CSS styling to create an engaging interface and experience
  ➢ Linked the Font Awesome library and toolkit to create a clear and simple interface

Best Neighborhood in Pittsburgh (April 2021)   GitHub: josband/CMPINF10_Final_Project
  ➢ Utilized Python, Jupyter Notebooks, Pandas, GeoPandas, Matplotlib, and NumPy to find the best neighborhood in
    Pittsburgh according to crime rates, age of housing, and population density
  ➢ Coordinated repositories and meetings with two teammates to ensure organization and confidence of conclusions
  ➢ Analyzed and interpreted data of 90 neighborhoods in the City of Pittsburgh using NumPy and Pandas for
    statistical analyses
  ➢ Employed Matplotlib and GeoPandas to present results in a visually compelling manner

TECHNICAL SKILLS

  ➢ Java, C, HTML, CSS, & Python (Packages: Pandas, GeoPandas, Matplotlib and NumPy)
  ➢ Development in Windows and Linux environments
  ➢ Object-Oriented and Procedural Programming

LEADERSHIP EXPERIENCE

University of Pittsburgh, School of Computing and Information, Pittsburgh, PA
Undergraduate Teaching Assistant   August 2021-December 2021
  ➢ Led two-hour lab sessions teaching Jupyter Notebooks, Python, Pandas, GeoPandas, Matplotlib, Git, and NumPy
  ➢ Hosted office hours where I worked one-on-one with students to review and reinforce lab material
  ➢ Coordinated efficient ways to explain material and improve teaching styles with other UTAs and the Professor

TopGolf, Germantown, MD
Caddie Shift Lead   April 2021-August 2021
  ➢ Led teams of three associates serving beverages to 102 bays on three floors
  ➢ Responsible for coordinating the delivery of over $4,000 worth of drink sales per shift
  ➢ Provided floating support at the front and back of house levels
  ➢ Maintained health and safety standards on the main floors and in beverage stations

Darnestown Swim and Racquet Club, Darnestown, MD
Assistant Tennis Coach, Junior Coach   June 2013-June 2020
  ➢ Developed a daily curriculum for 100 students for age ranges 3-65 by selecting skills to focus on
  ➢ Monitored up to 15 students while providing feedback on technique
  ➢ Acted as the primary point of contact and led 5 coaches when the head coach was absent

ACTIVITIES

Club Tennis, University of Pittsburgh *Member*   September 2020-Present
Pitt Computer Science Club *Member*   September 2020-Present