Braden Bernas

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PROFESSIONAL SUMMARY

Recent college graduate with a Bachelor's in Computer Science. Seeking a professional position. Highly motivated and detail-oriented with strong analytical and problem-solving skills.

Achieved: *Dean's List (Aug. 2020 – Dec. 2020)*
Academic All-Conference (2020 – 2021 & 2023 – 2024)

TECHNICAL SKILLS

Relevant Coursework: Data Structures & Algorithms, Operating Systems, Computer Applications, Organization and Programming Languages, Applied Machine Learning, Artificial Intelligence, A CS Canon: Great Moments, Computer Communications
Languages: Java, Python, C, Swift, JavaScript, HTML/CSS, R, Racket
Developer Tools: Git, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse, Jupyter Notebook
Libraries: Pandas, Plotly, Matplotlib

PROJECTS & EXPERIENCE

BattleCode 2022: Mutation | *Completed at Monmouth College*   *Jan. 2022 – Feb. 2022*
- Using Java, we created a new bot based on a pre-existing base bot
- Created multiple iterations of our bot, trying to maximize effectiveness on the main goal, which was to beat the opponent's bot

COVID-19 Data | *Completed at Monmouth College*   *Feb. 2022 – April 2022*
- Spearheaded the development of COVID-19 data cleaning and visualization project utilizing Python, Pandas, and Plotly to translate datasets with several million data points into intuitive visuals.
- Published a GitHub Page to show informative visuals based on data

Game Of Life | *Completed at Monmouth College*   *April 2022 – May 2022*
- Recreated Conway's Game of Life, using JavaScript, HTML, and CSS
- Published an interactive GitHub Page to show our result at recreating Conway's Game of Life

TrackTime | *Completed at Monmouth College*   *Aug. 2023 – May 2024*
- Developed an immersive iOS game with Swift using Xcode
- Used SpriteKit for visuals as well as animation and implemented touch events using UIKit

Parking Attendant   *June 2022 – Aug. 2022*
RiverEdge Park   *Aurora, IL*
- Directed and assisted 80+ employees with parking arrangements in an unmarked lot, ensuring efficient use of space
- Coordinated with 3-4 team members to manage traffic flow and prevent congestion while guiding employees
- Enhanced ability to identify issues and conflict-resolution skills through quick, on-the-spot decision-making

EDUCATION

Monmouth College   Monmouth, IL
Bachelor of Arts in Computer Science   *Aug. 2020 – May 2024*
- Honors: *Dean's List (Aug. 2020 – Dec. 2020)*
  Academic All-Conference (2020 – 2021 & 2023 – 2024)

ATHLETICS AND LEADERSHIP

NCAA Athlete | Men's Cross Country   Monmouth, IL
Monmouth College   *Aug. 2020 – Nov. 2023*
- Captain of the team during the 2023-2024 season
- Commit 15-20+ hours to weekly practices and competitions
- Led and fostered an inclusive atmosphere, promoting a diverse and welcoming environment for all
- Learned and enforced NCAA policies, ensuring compliance and adherence to regulations set in place

Monmouth College Student-Athlete Advisory Committee   Monmouth, IL
Monmouth College   *Aug. 2023 – May. 2024*
- Participate in biweekly meetings to voice concerns and advocate for improvements, while discussing with other SAAC representatives, representing their respective sport
- Enhanced and refined ability to communicate with others through consistent and effective interactions

NCAA Athlete | Men's Track and Field   Monmouth, IL
Monmouth College   *Jan. 2021 – May. 2024*
- Devoted 15-20+ hours to weekly practices and competitions
- Demonstrated strong teamwork by collaborating with 50 members to enhance team performance